



RBL CCL GAMMA-RAY CEMENT BOND LOG

Pioneer Energy Services

Company KERR MC GEE OIL & GAS ONSHORE LP
Well GOBBLER 13N-23HZ
Field WATTENBERG
County WELD State COLORADO

Location: API # : 05123364780000

SHL 496' FNL & 279' FEL

SEC 22 TWP 2N RGE 66W

Permanent Datum GL Elevation 5085'
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 5091
D.F. 5090'
G.L. 5085'

Date

8-6-13

Run Number

ONE

Depth Driller

11980'

Depth Logger

6900'

Bottom Logged Interval

6900'

Top Log Interval

SURFACE

Open Hole Size

8.75"

Type Fluid

WATER

Density / Viscosity

NA

Max. Recorded Temp.

231 DEG. F

Estimated Cement Top

40'

Time Well Ready

NA

Time Logger on Bottom

NA

Equipment Number

1

Location

FT MORGAN

Recorded By

TODD YOUNG

Witnessed By

GEORGE HELWIG

Borehole Record

Bit

From

To

Size

Weight

From

To

Tubing Record

Bit

From

To

Size

Weight

From

To

Casing Record

Size

Wgt/Ft

Top

Bottom

Surface String

7"

26#

SURFACE

7883

Prot. String

Production String

Liner

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

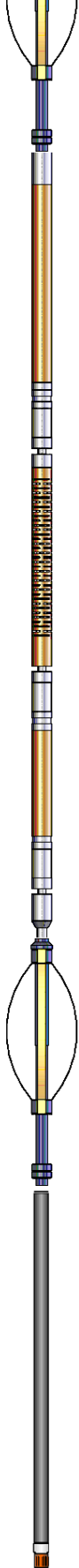
Comments

SO# 2-204227

WELL LOGGED UNDER 2800 PSI

THANK YOU FOR USING
PIONEER ENERGY SERVICES

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

			PTS275	2.83	2.75	
WVF3FT	11.50		RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFCAL	11.50					
WVFS1	11.50					
WVFS2	11.50					
WVFS3	11.50					
WVFS4	11.50					
WVFS5	11.50					
WVFS6	11.50					
WVFS7	11.50					
WVFS8	11.50					
WVF5FT	10.42					
			PTS275	2.83	2.75	
CCL	3.64					
			GR-Probe (275) Probe 2.75" 4 Channel Pulse	4.33	2.75	30.00
GR	0.90					
Dataset: gobbler 13n-23 hz.db: field/well/run1/pass7 Total Length: 18.92 ft Total Weight: 120.00 lb O.D. 2.75 in						

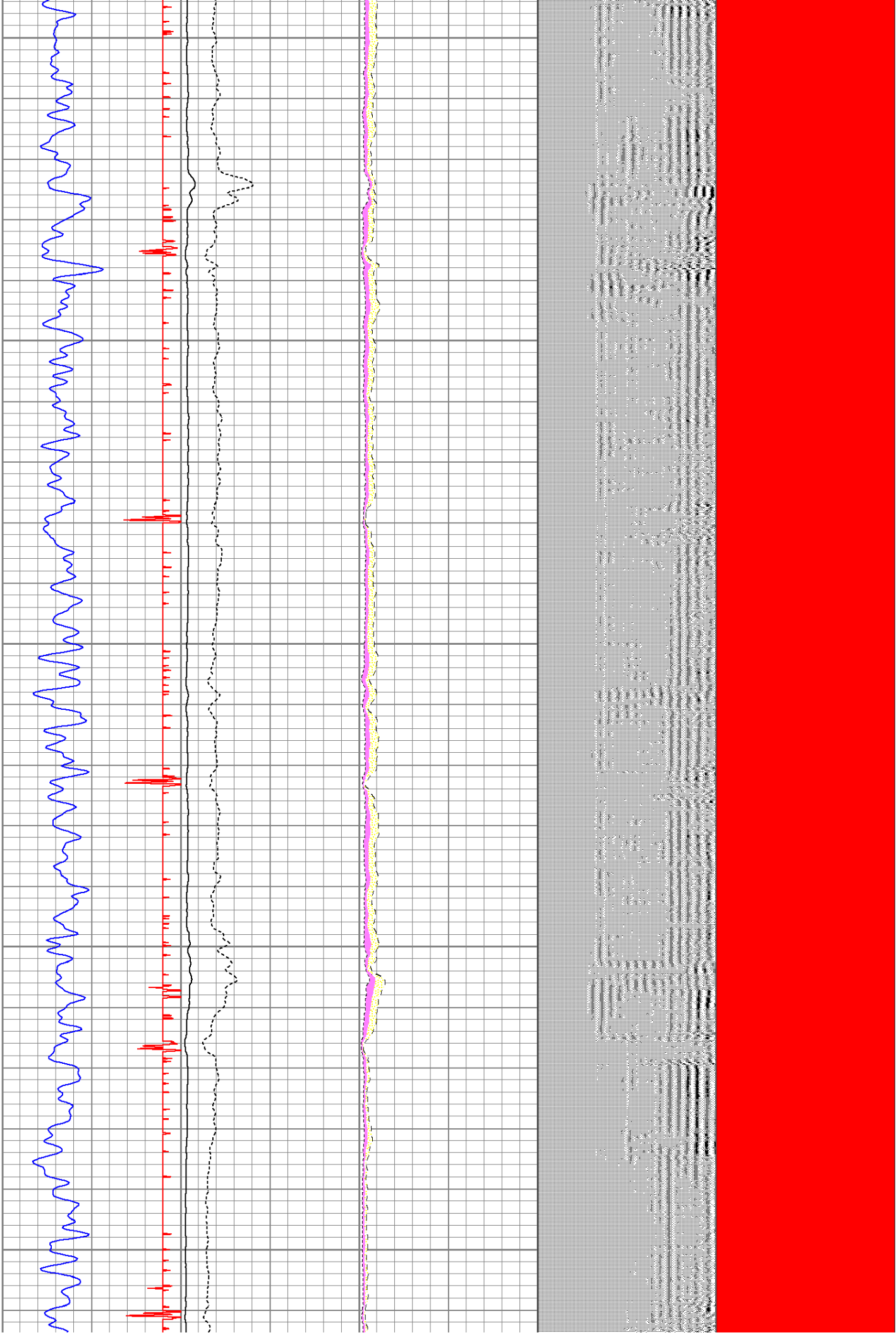
-9	CCL	1	0	AMP (mV)	100	0	AMPAVG	150	200	VDL	1200	1	SECTOR MAP	8
0	GR (GAPI)	175	0	AMPx5 (mV)	20	0	AMPMAX	150				25		75
						0	AMPMIN	150						



200

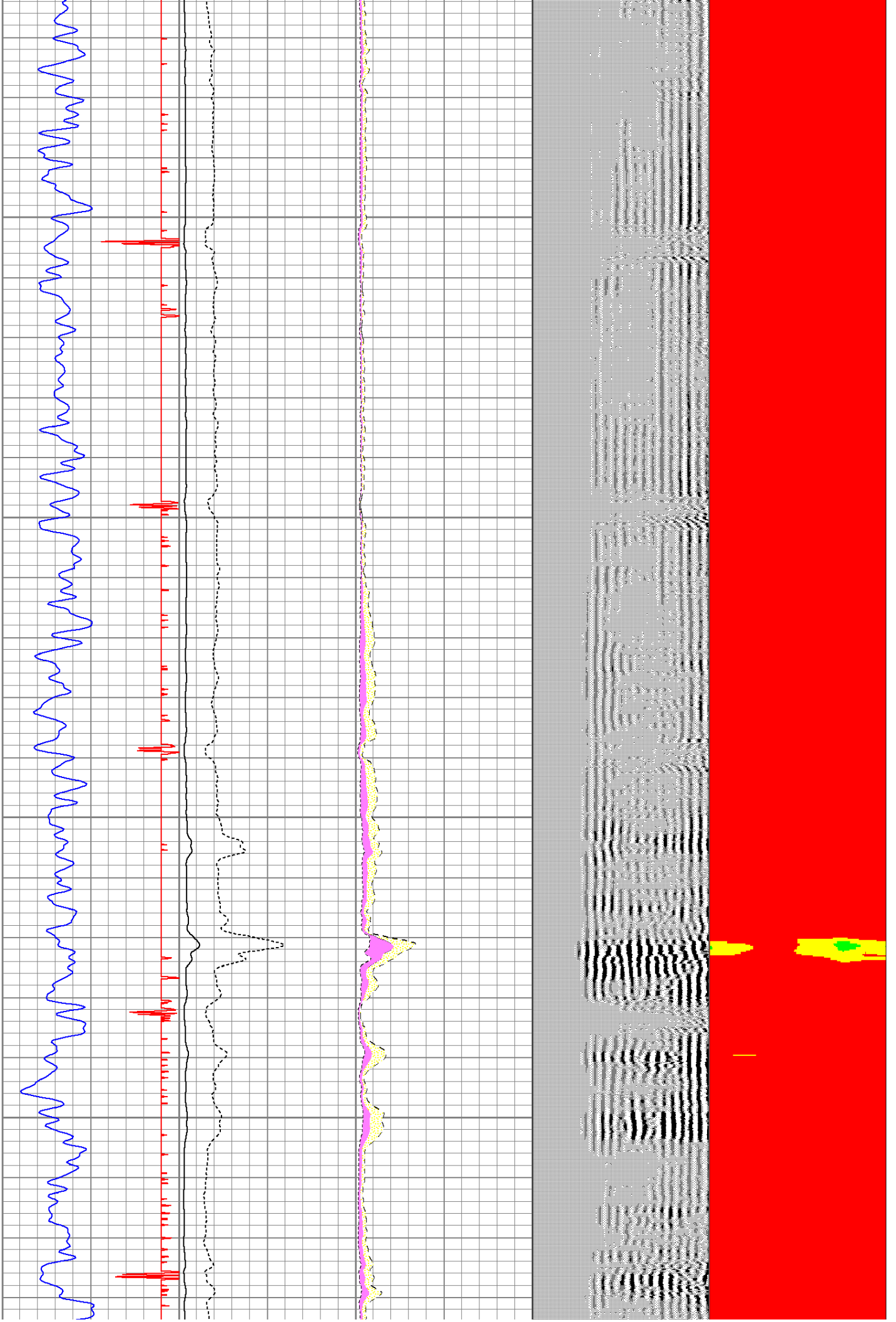
300

400



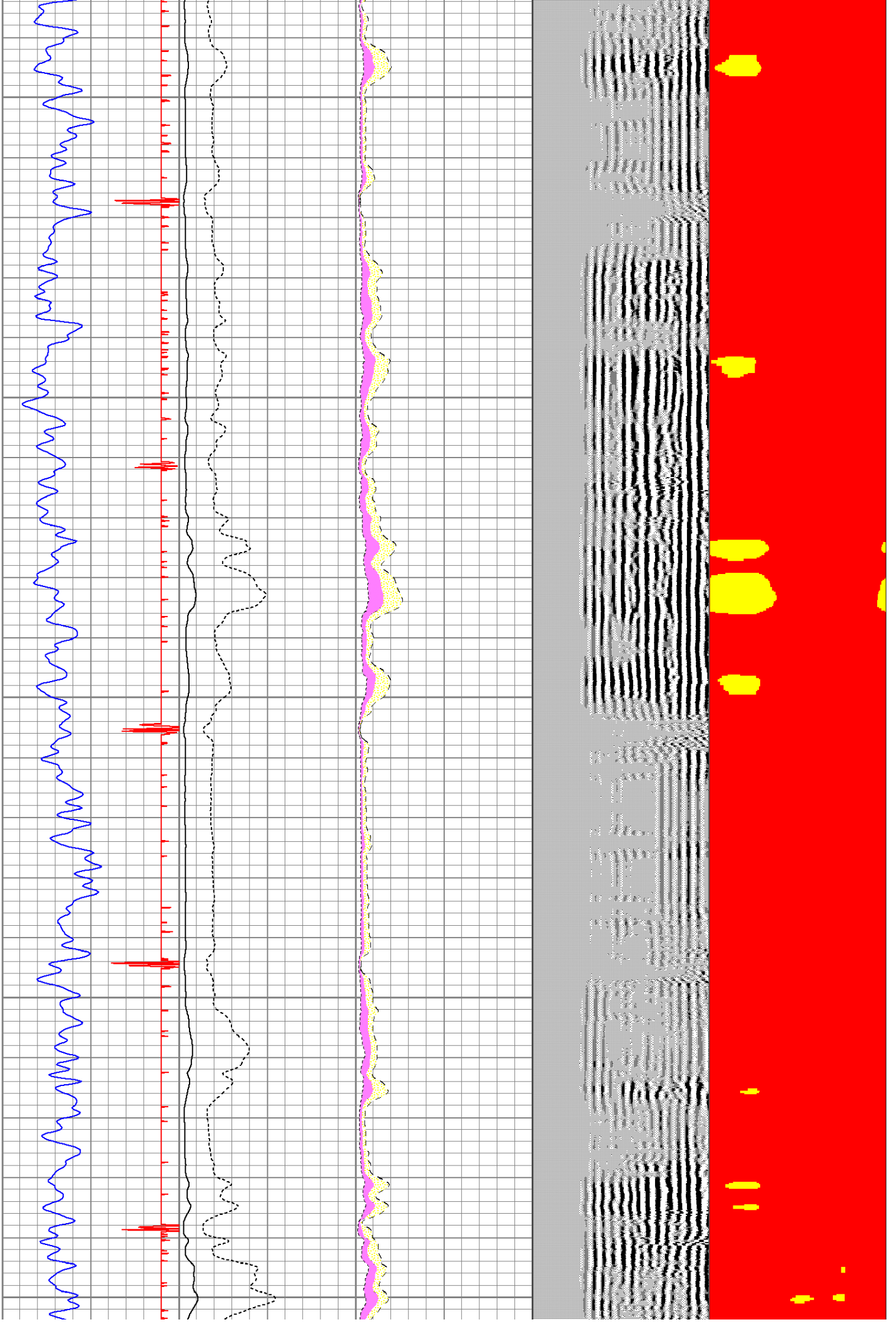
500

600



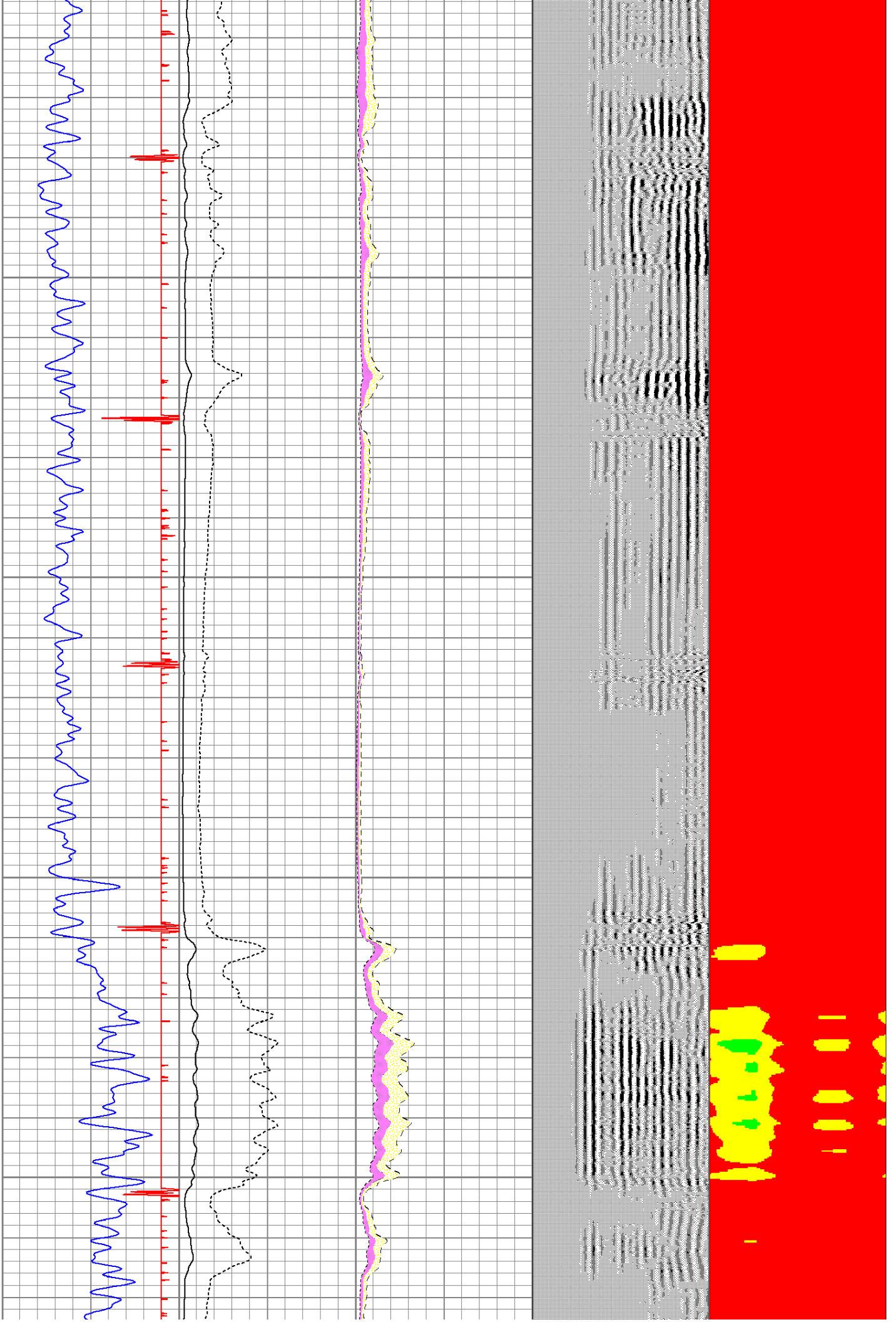
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800



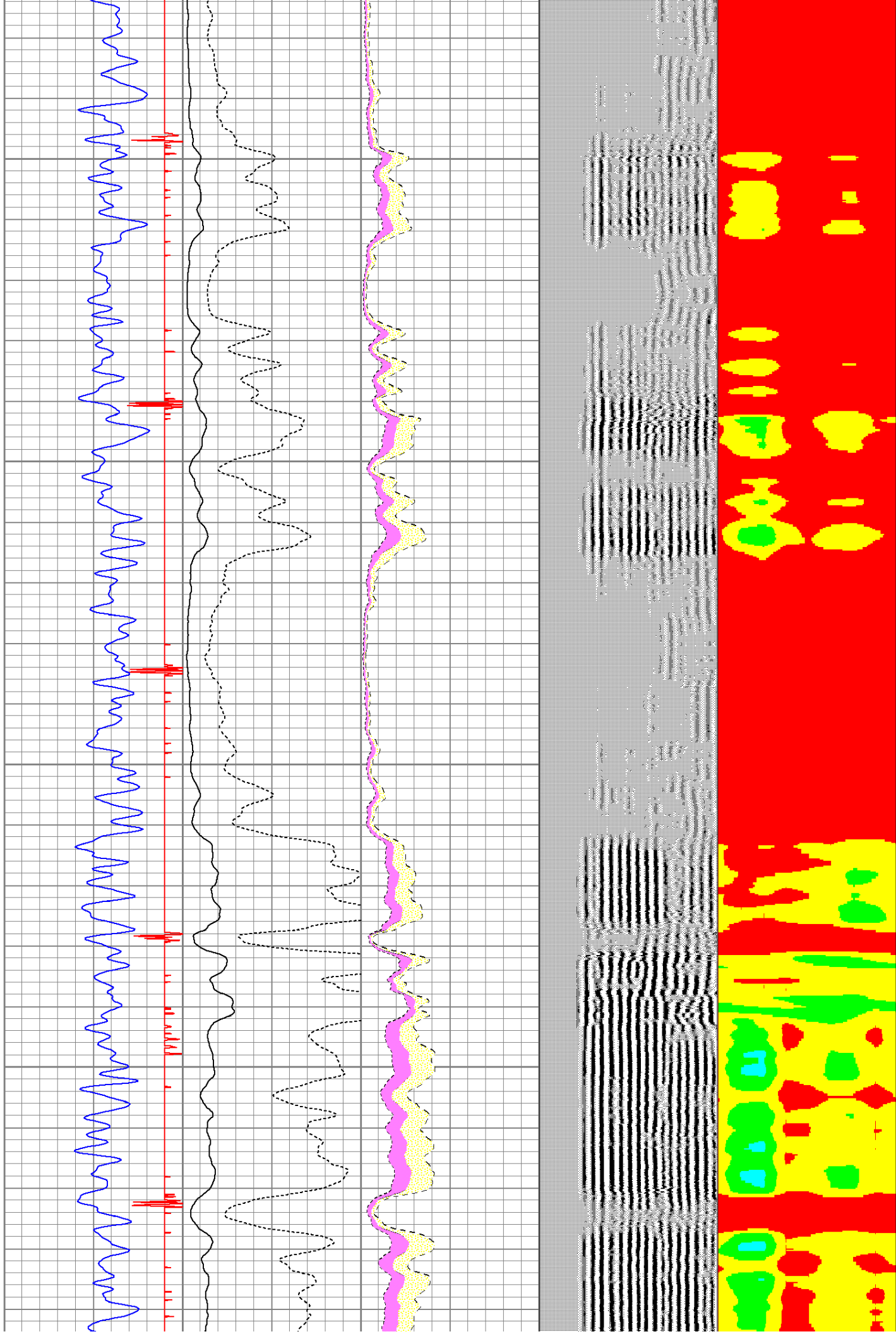
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1000



1100

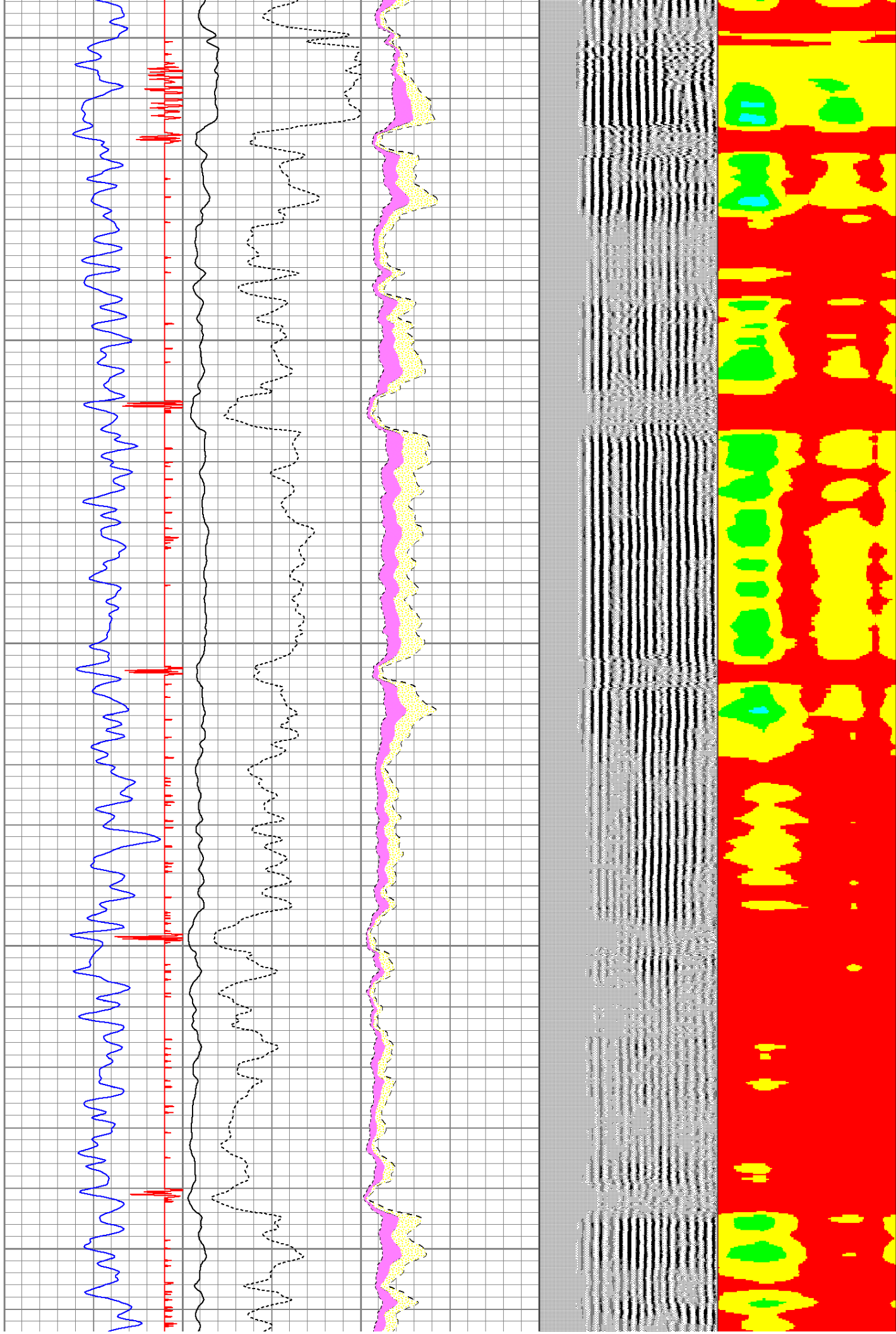
1200



1300

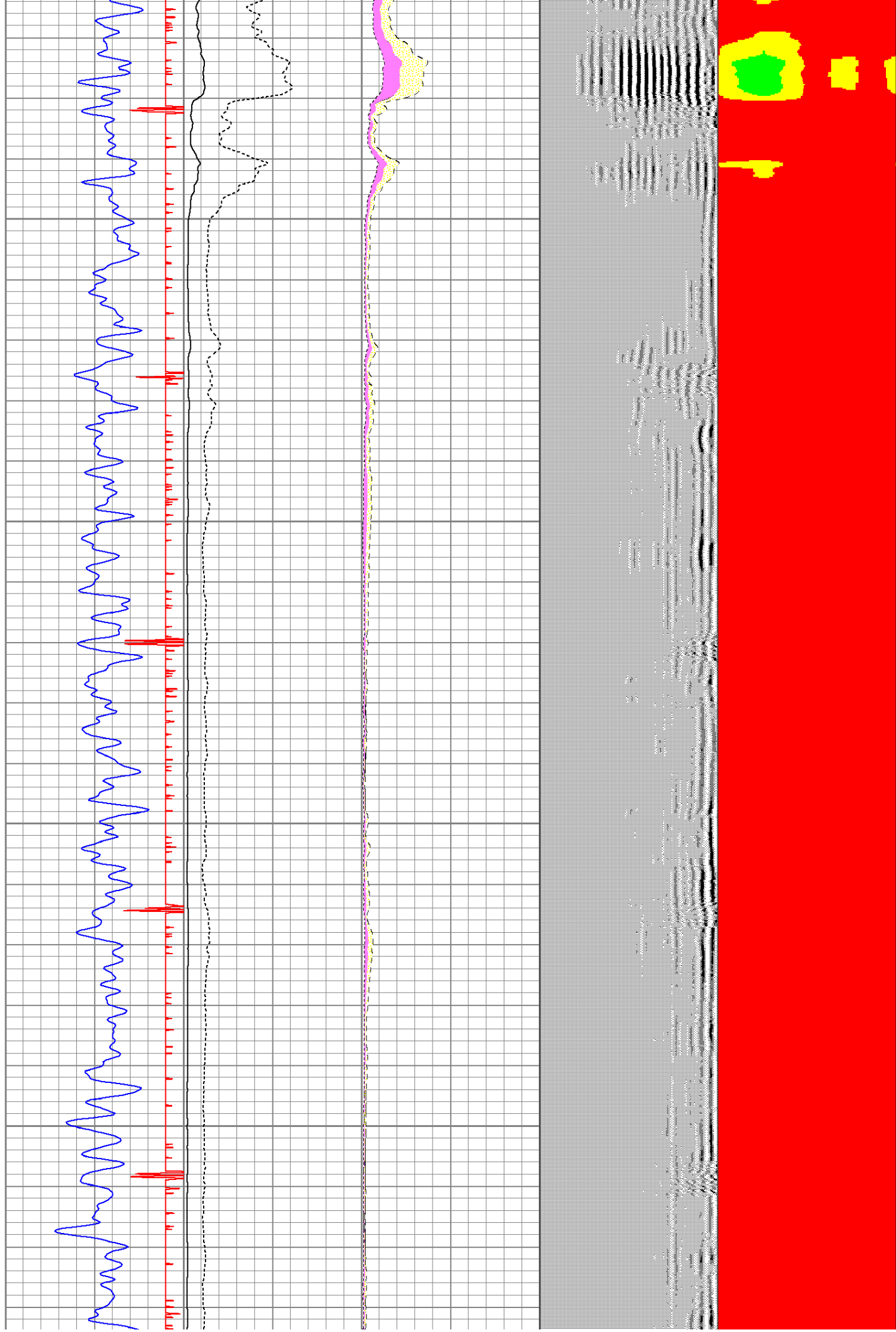
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1500



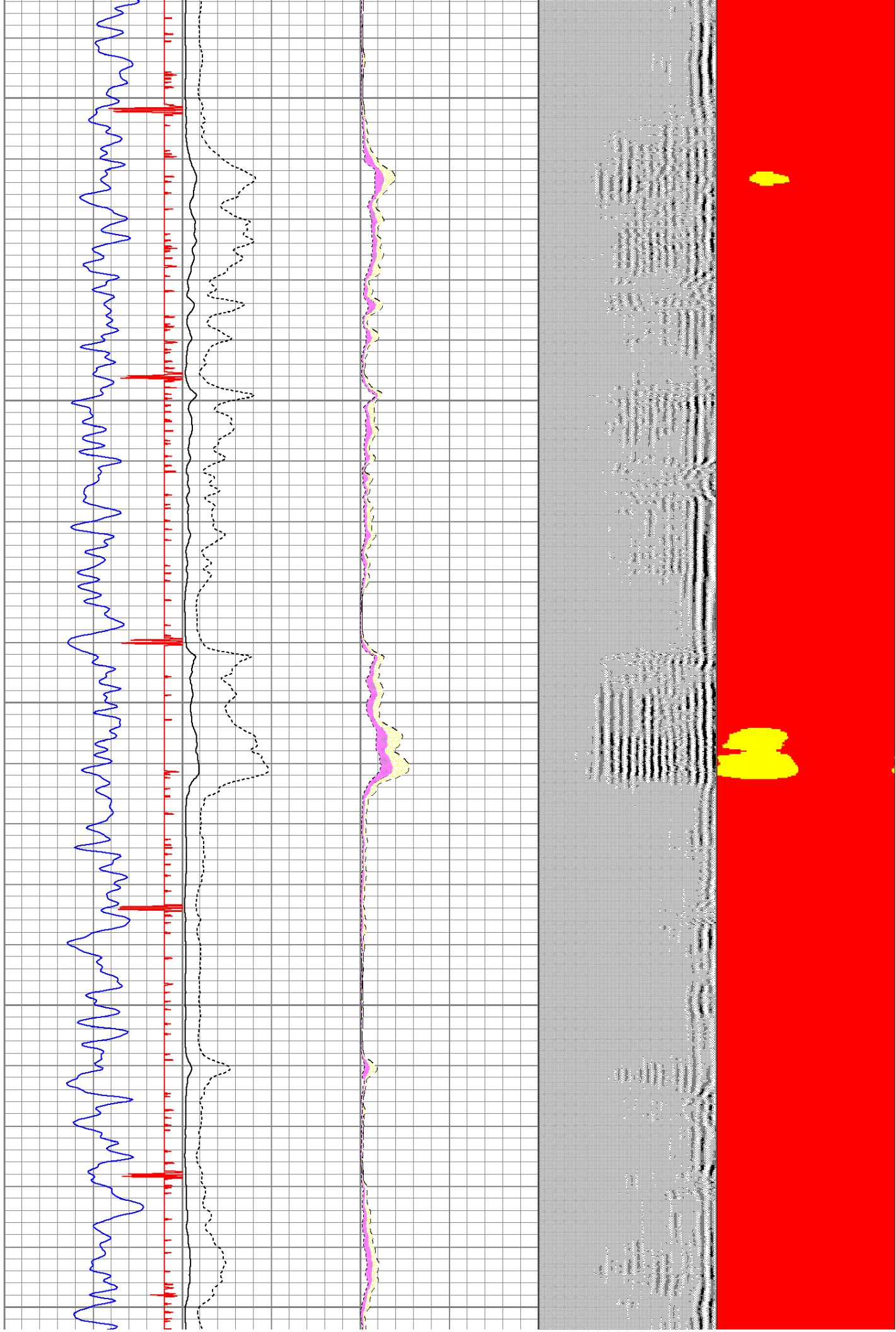
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1700



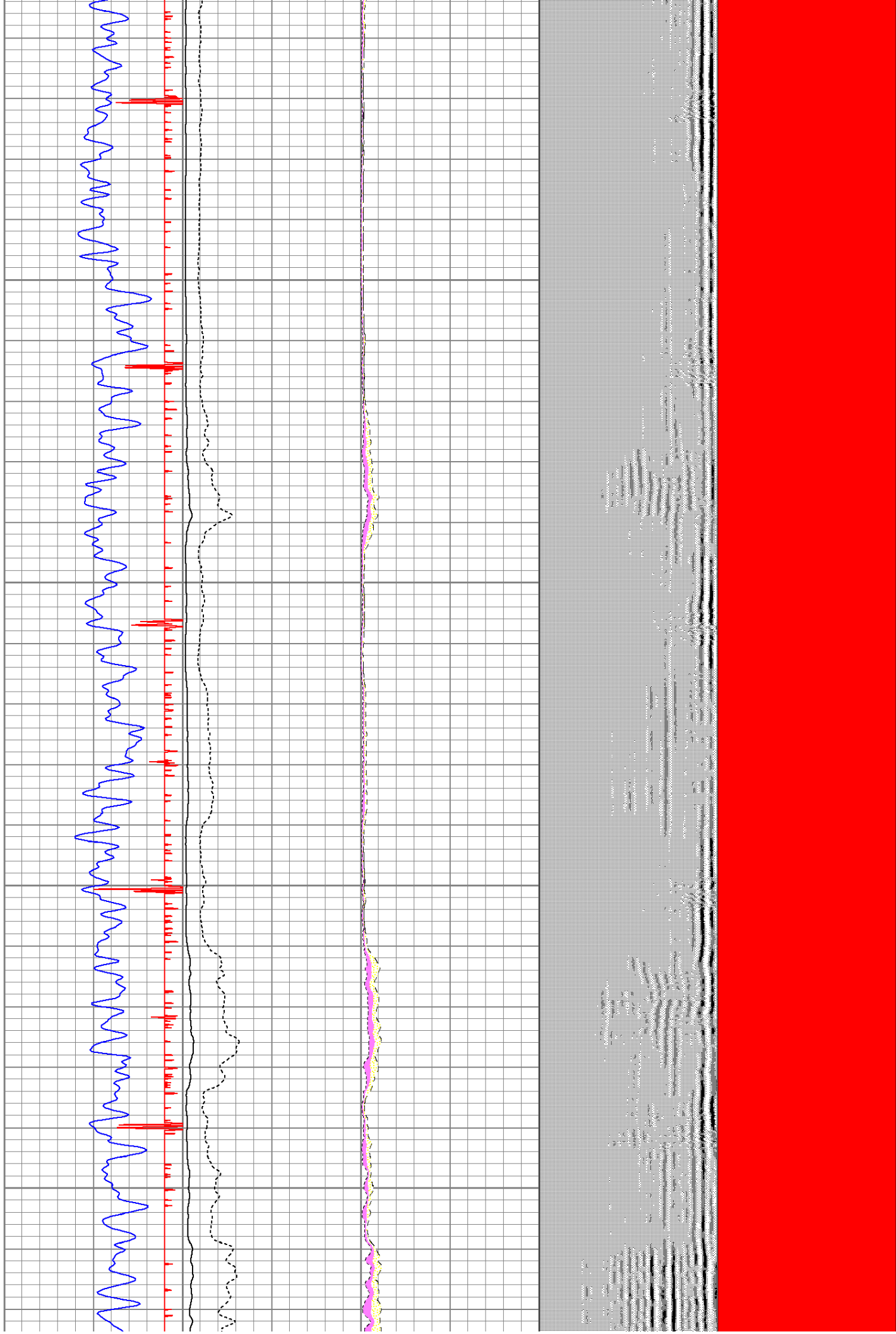
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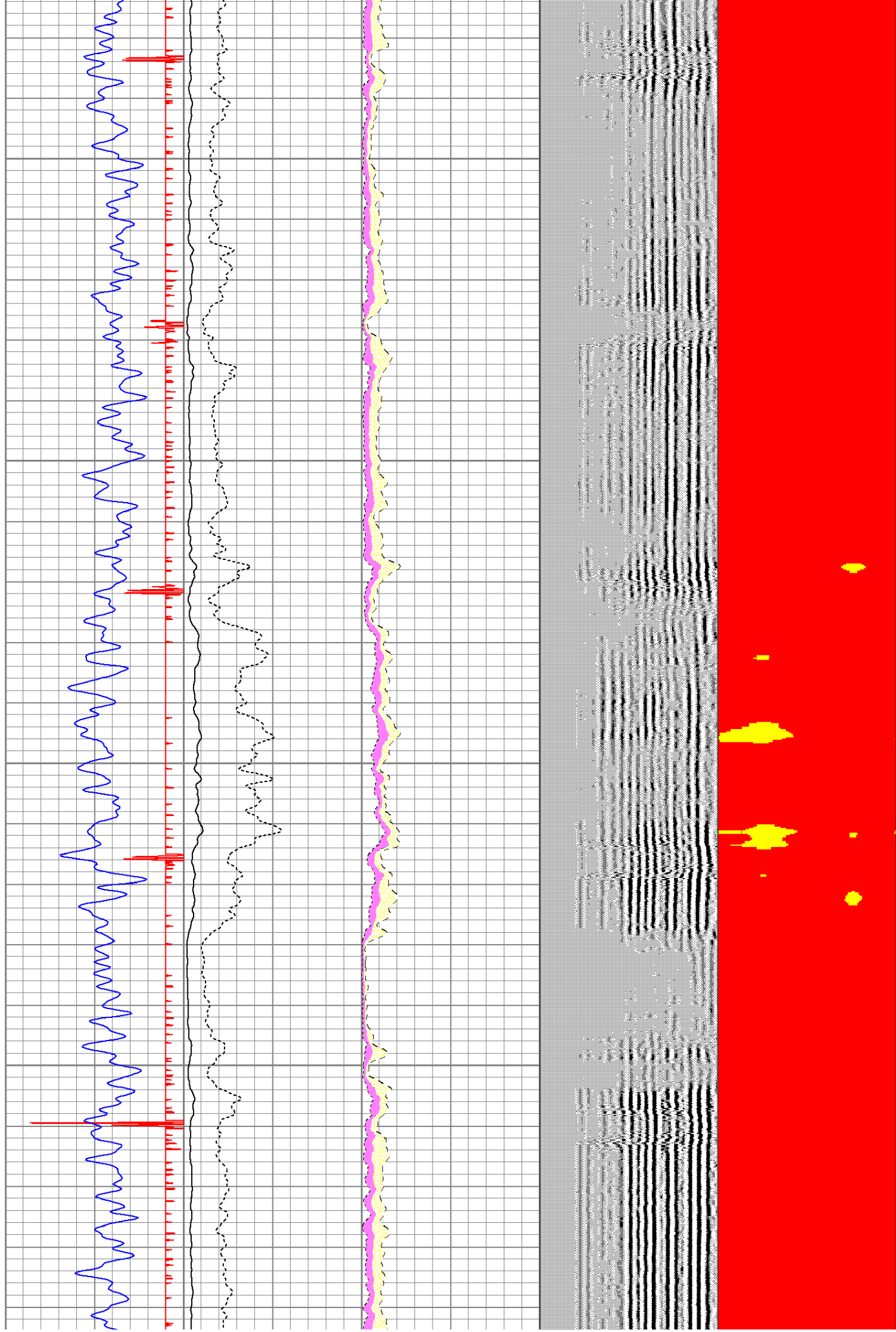
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2200

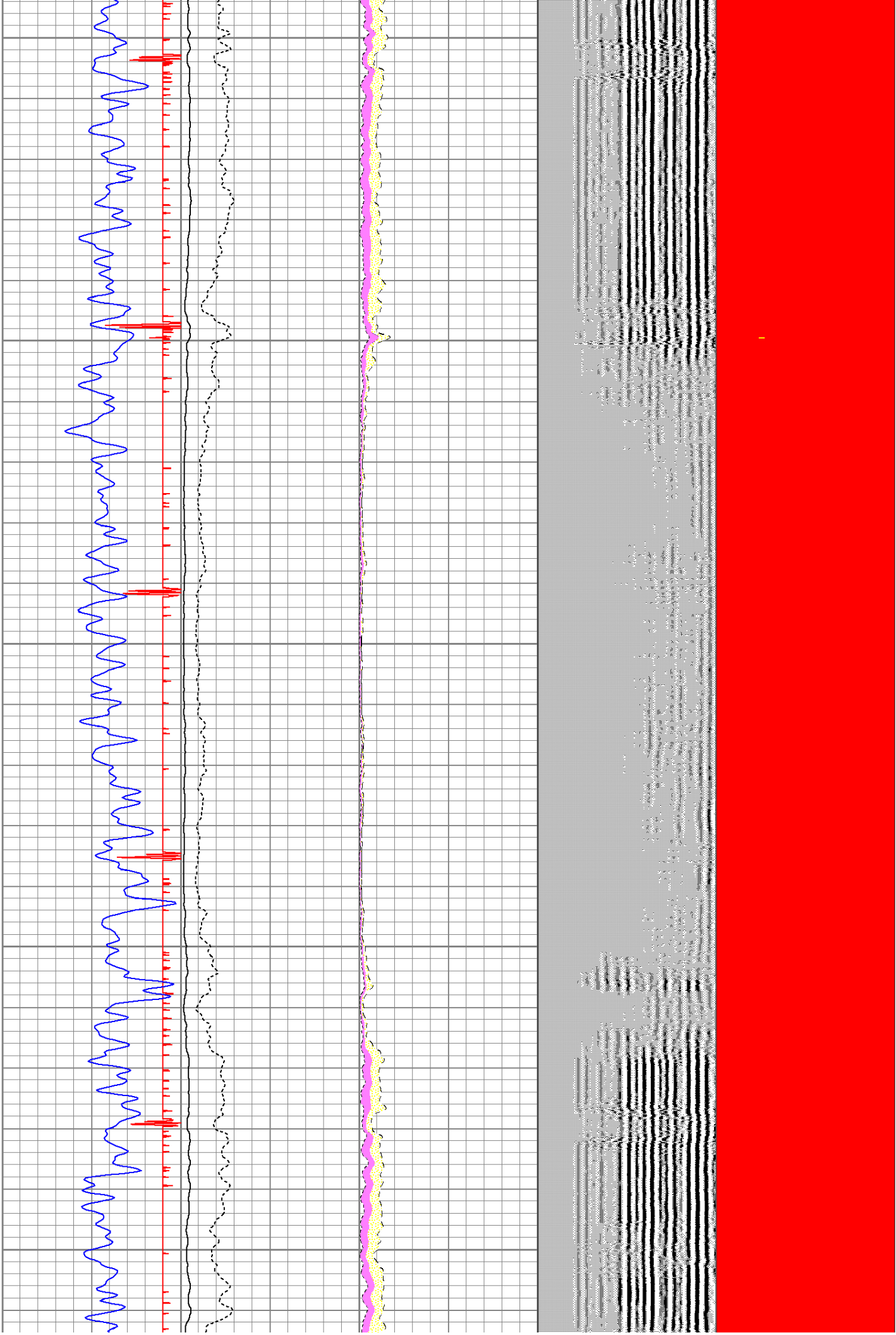
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2400

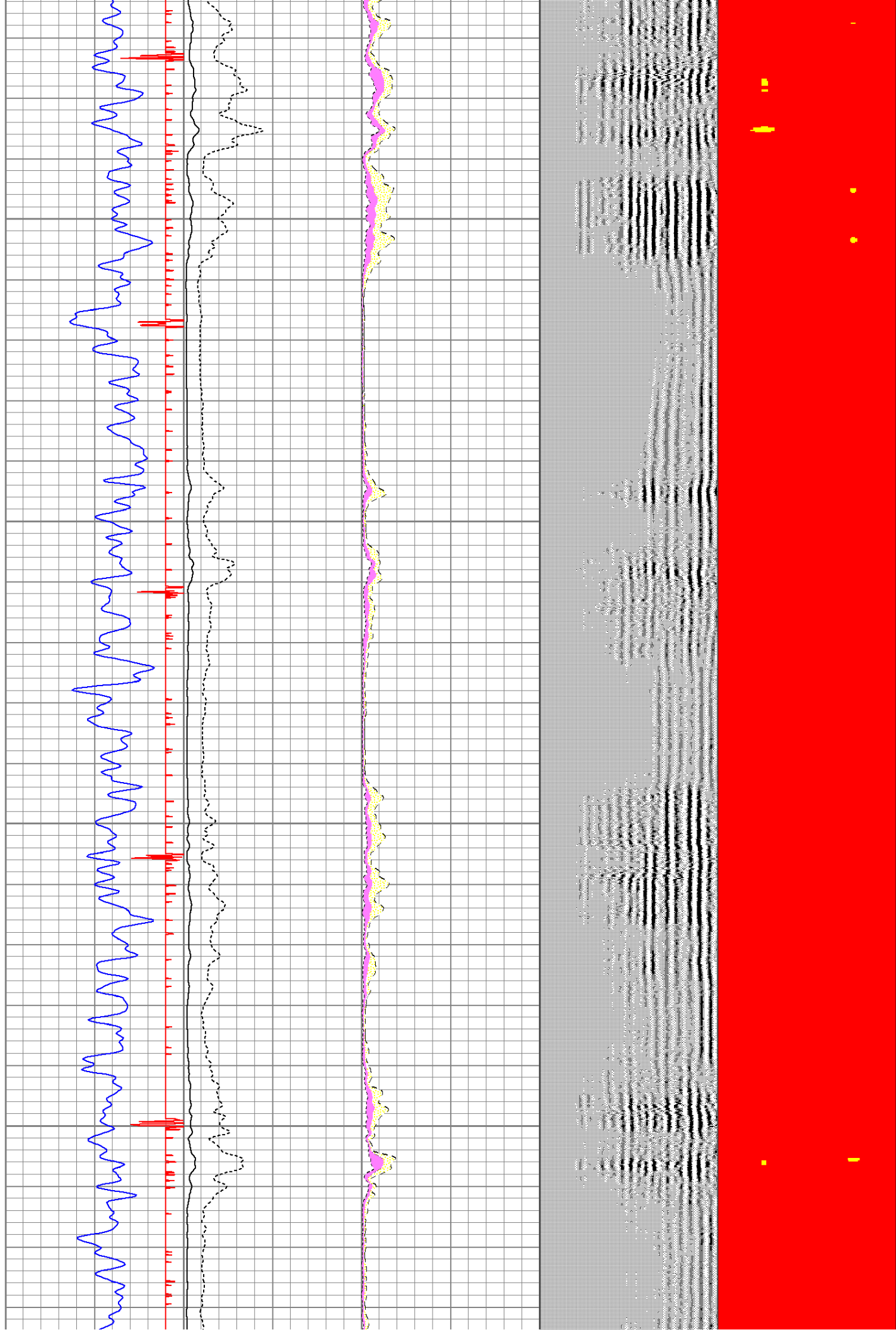
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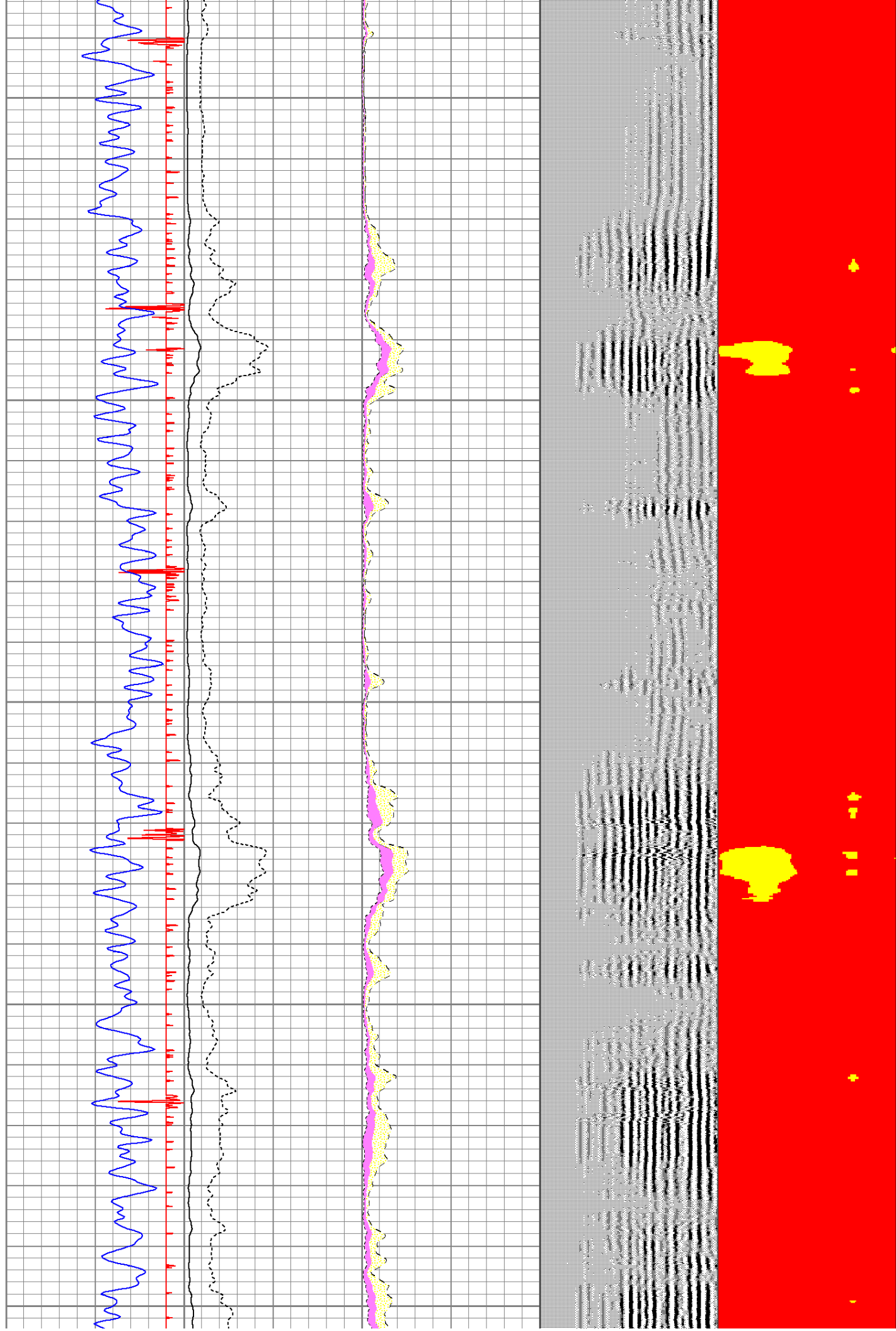
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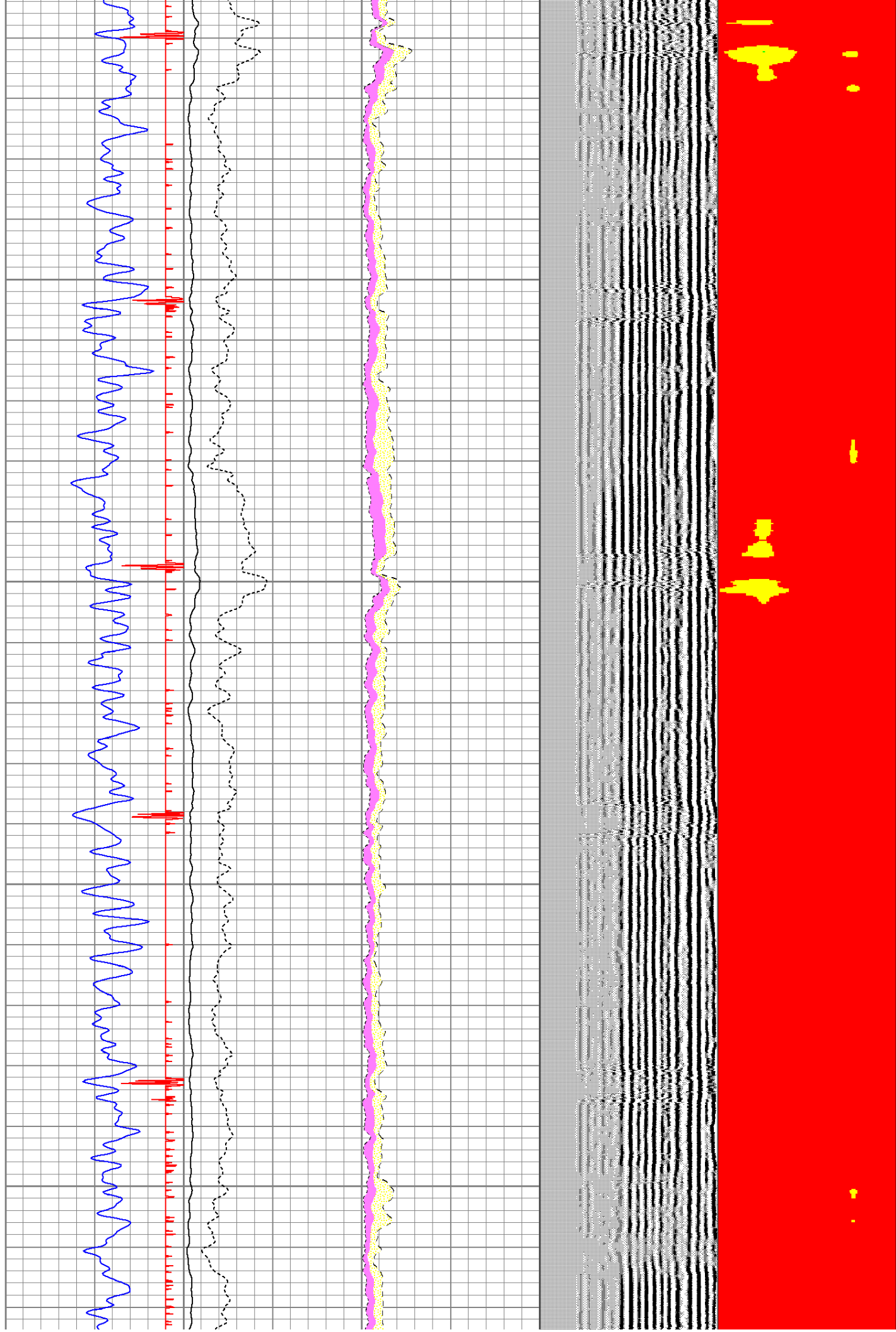
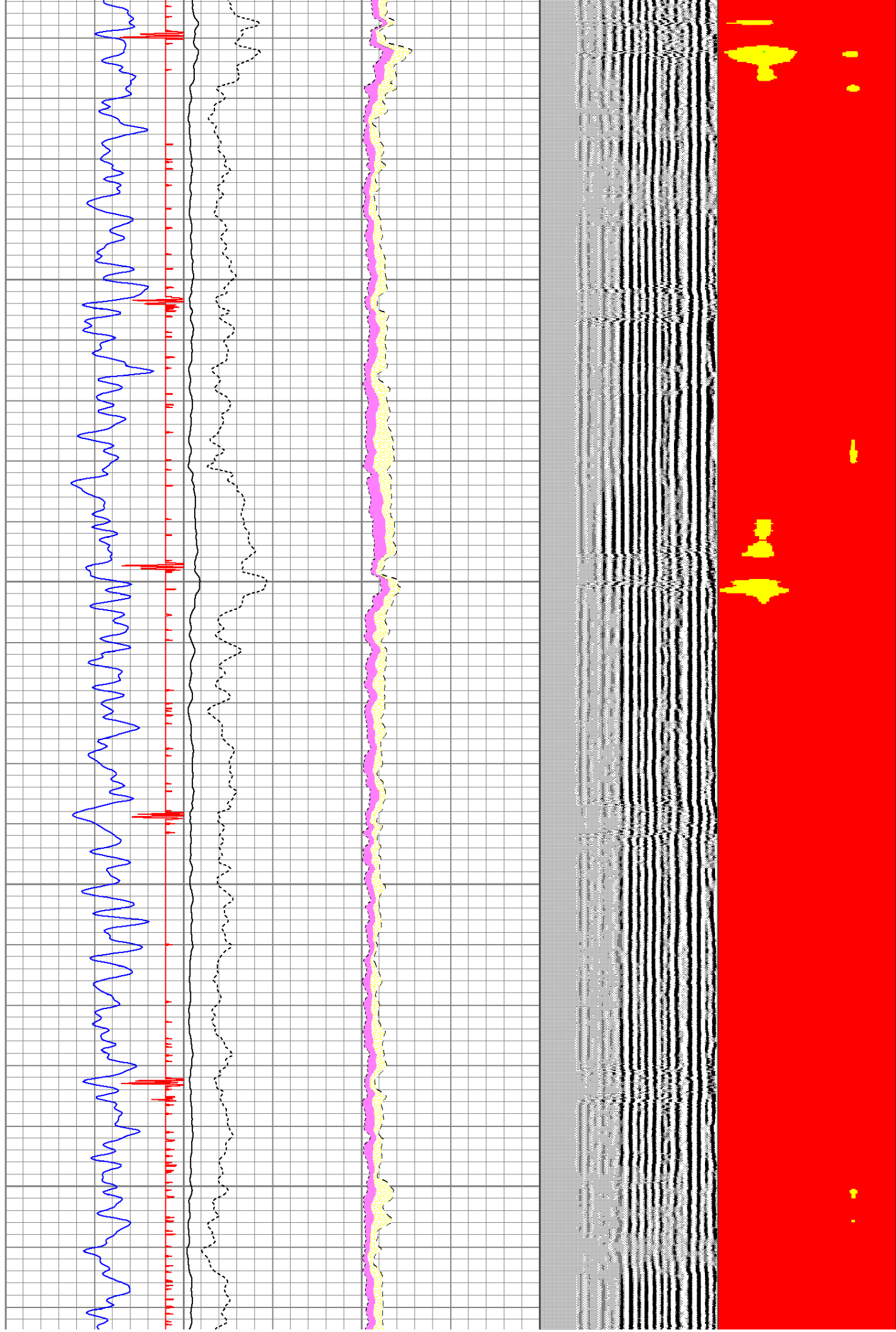
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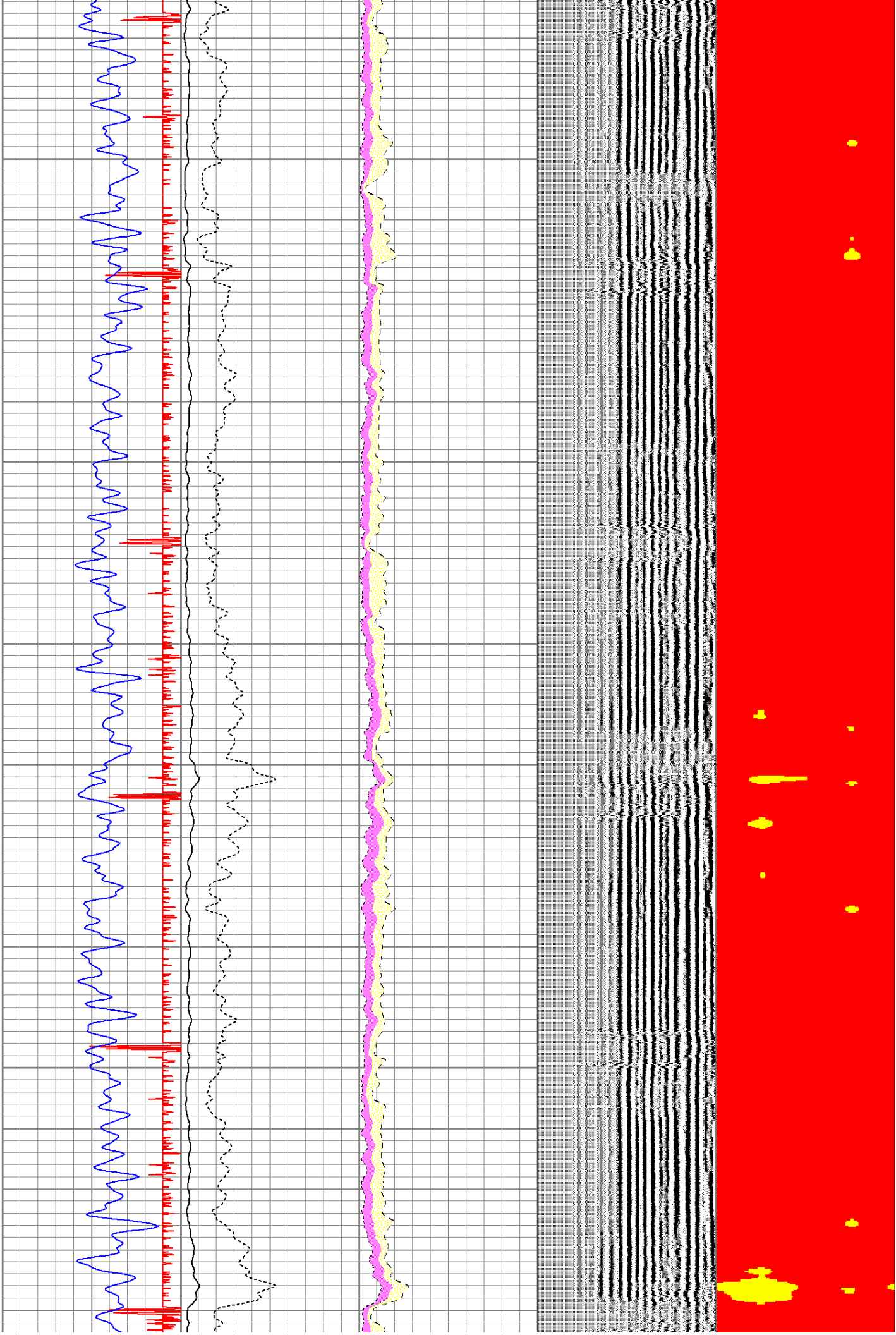
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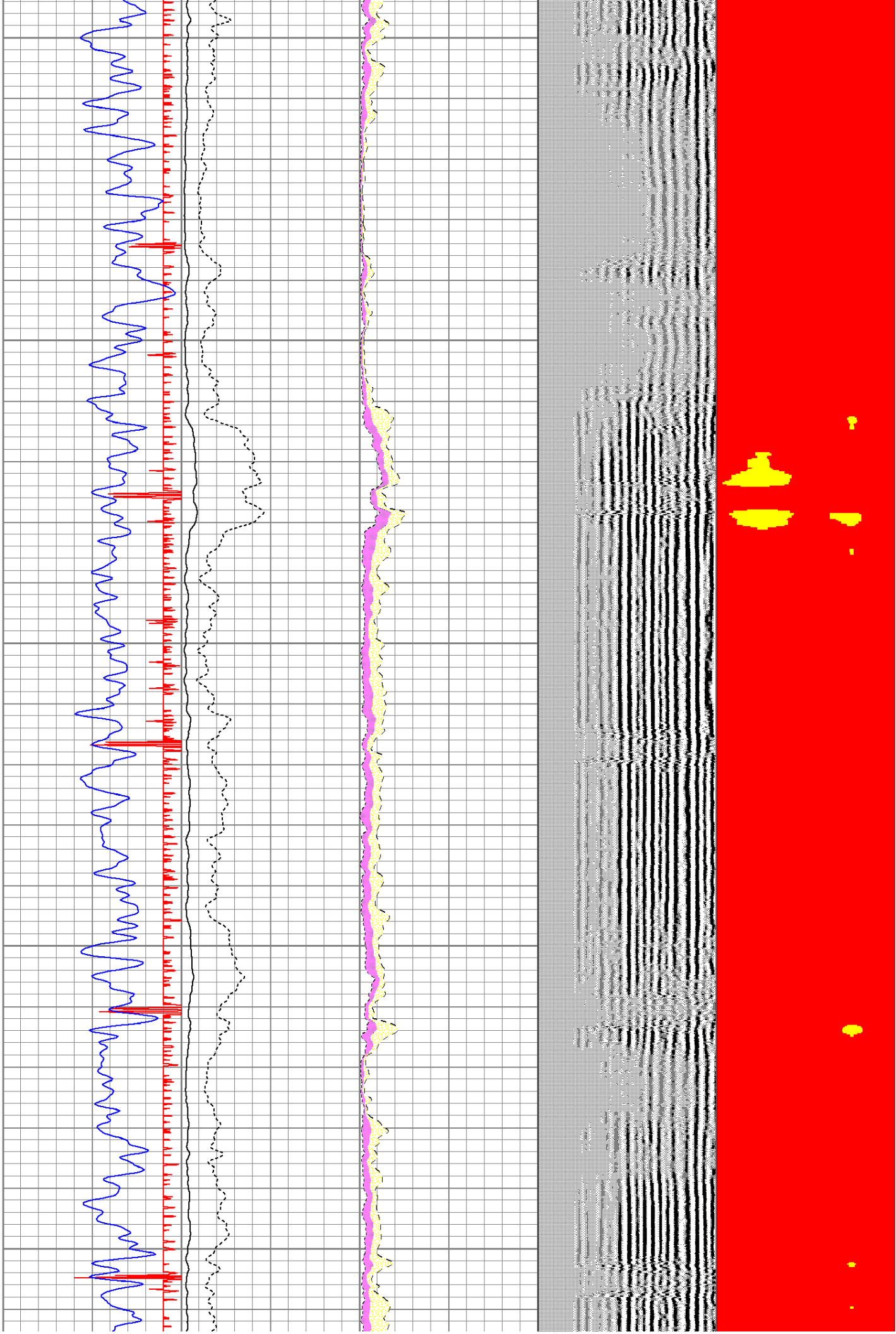
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3500

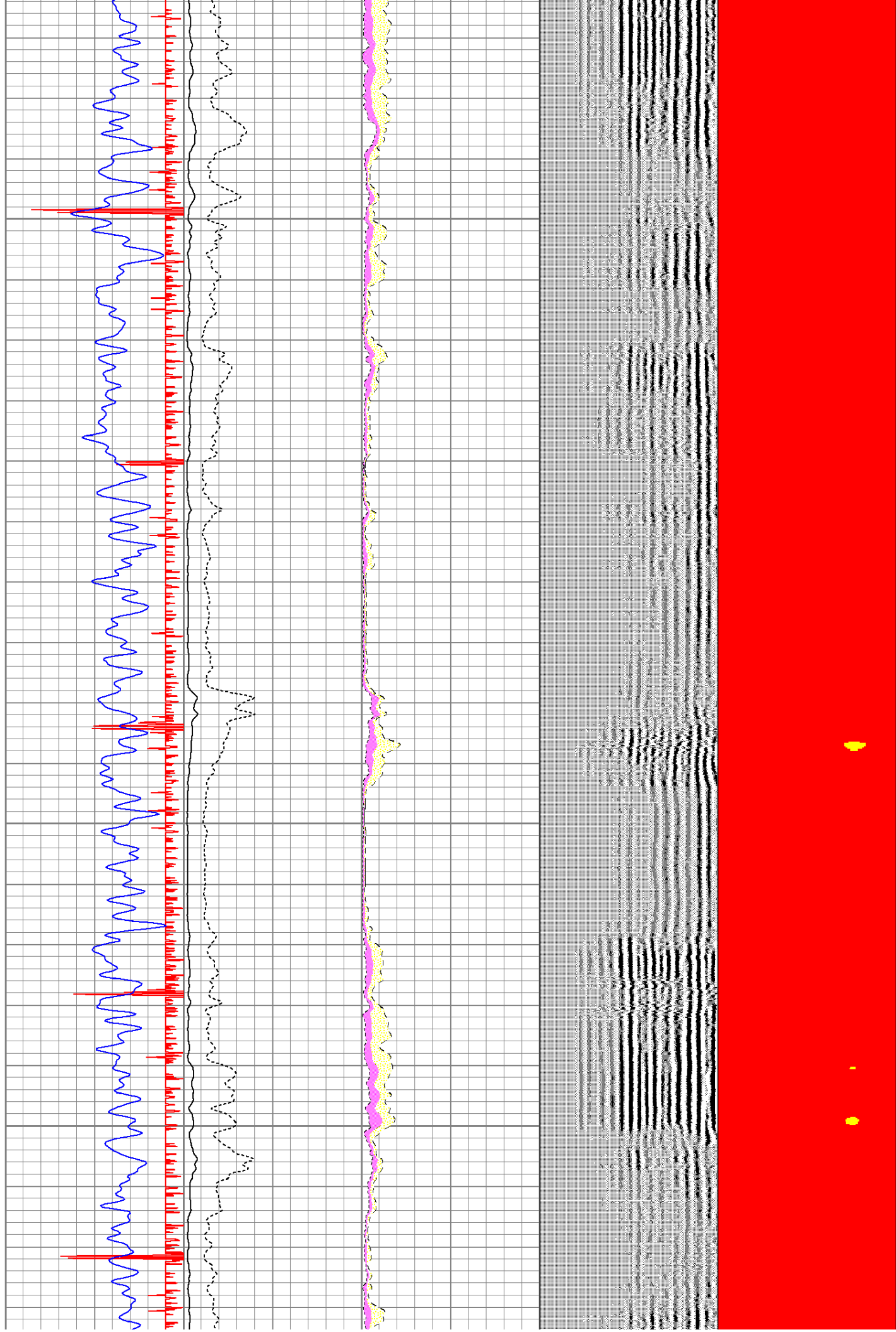
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3700



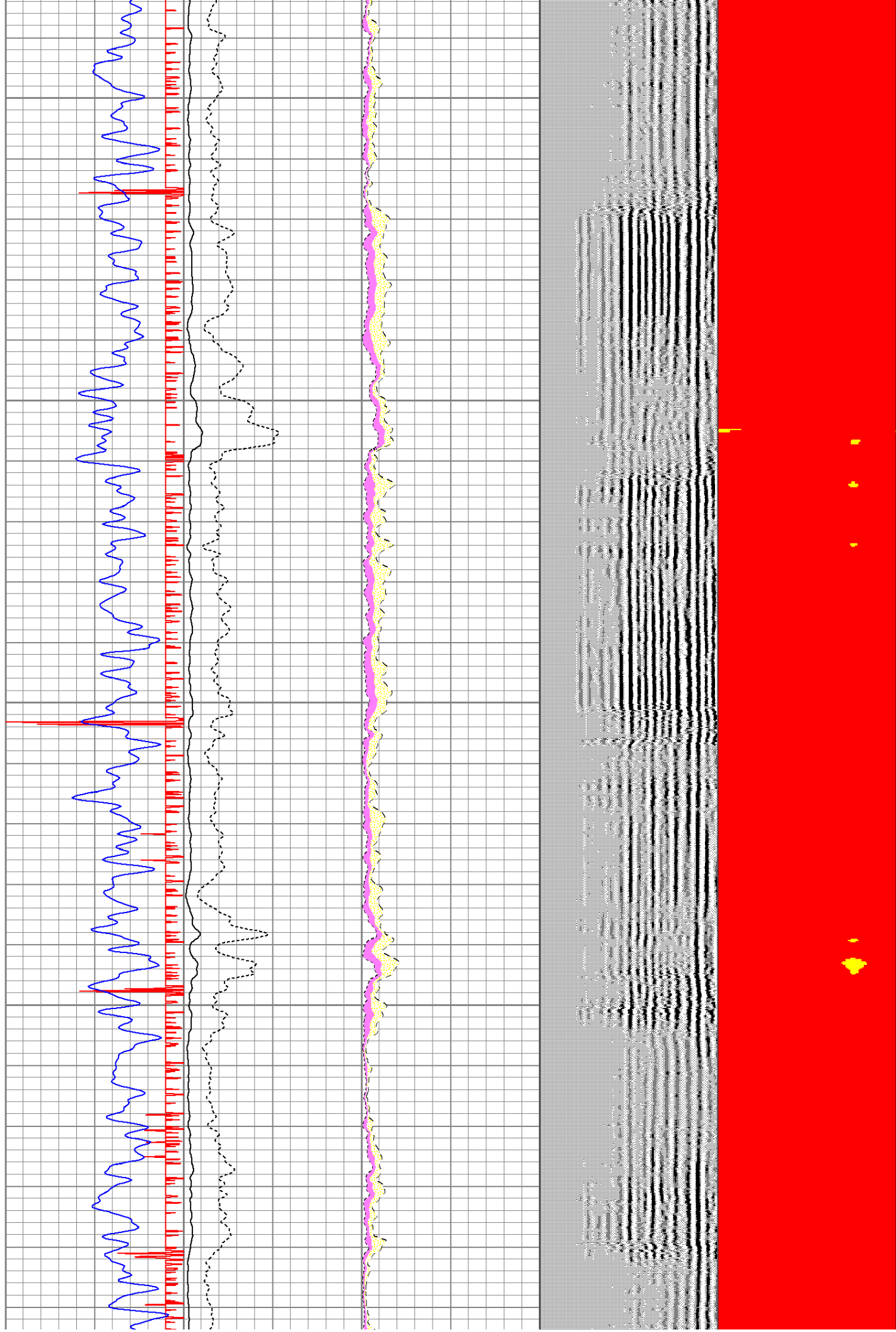
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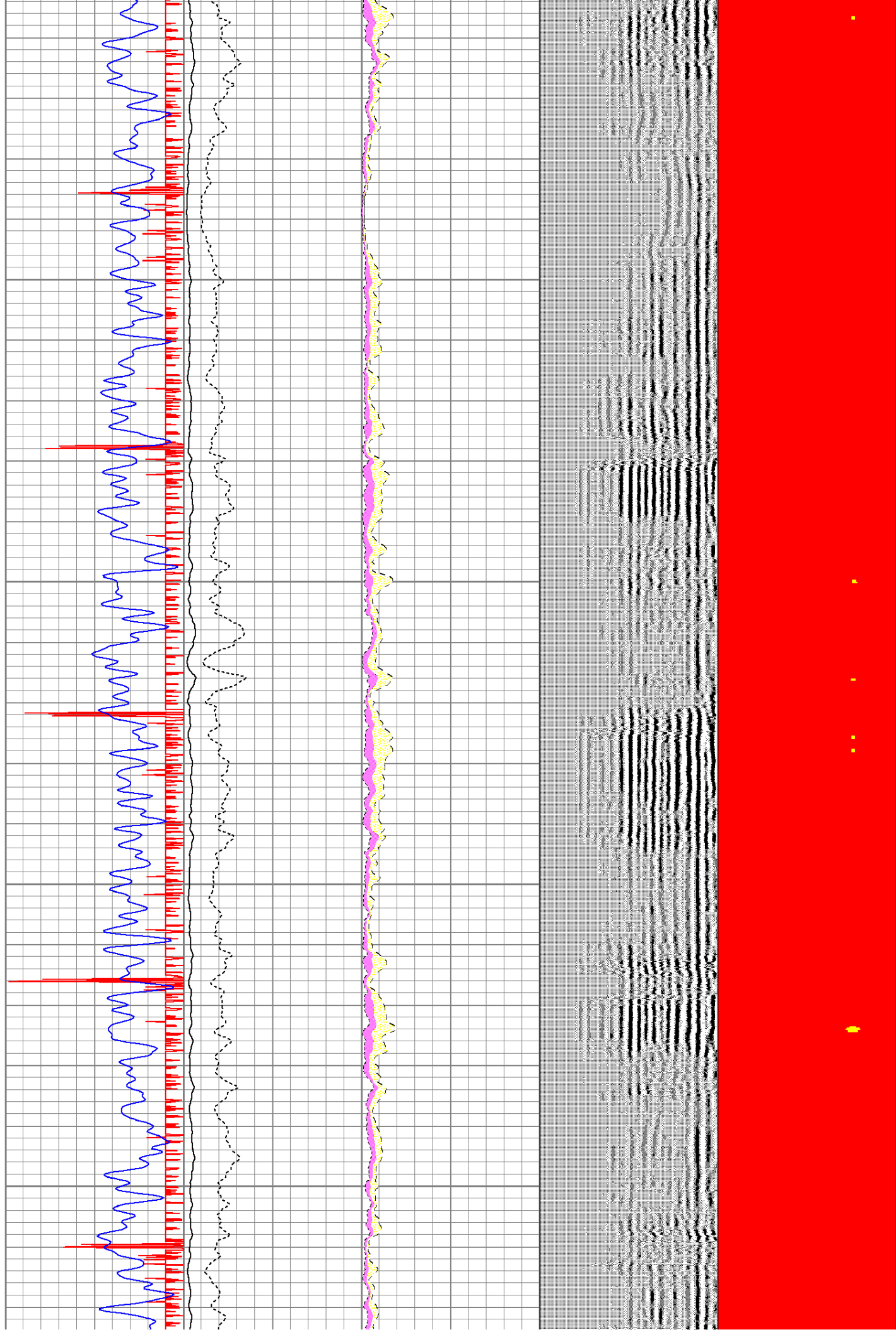
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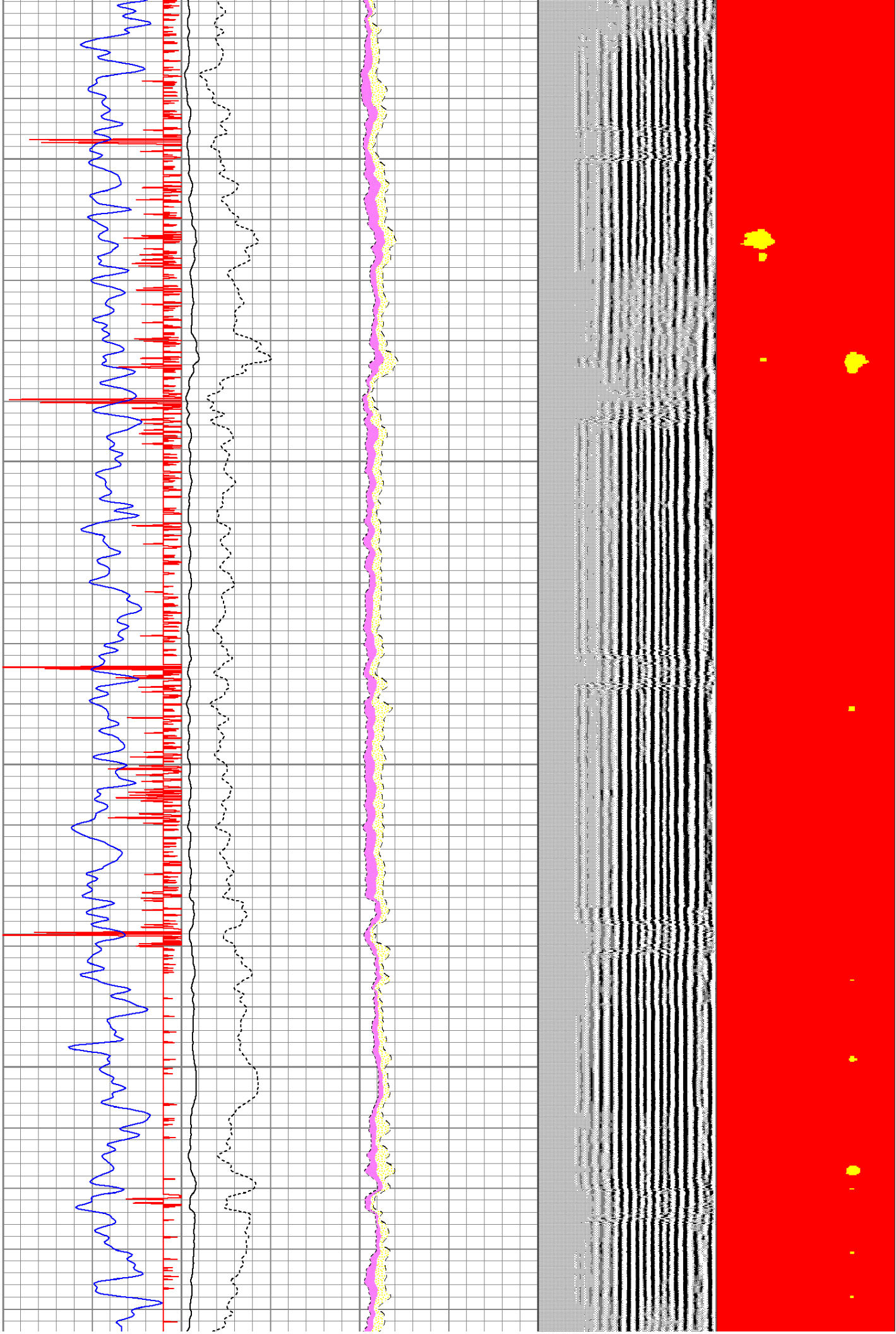
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4400

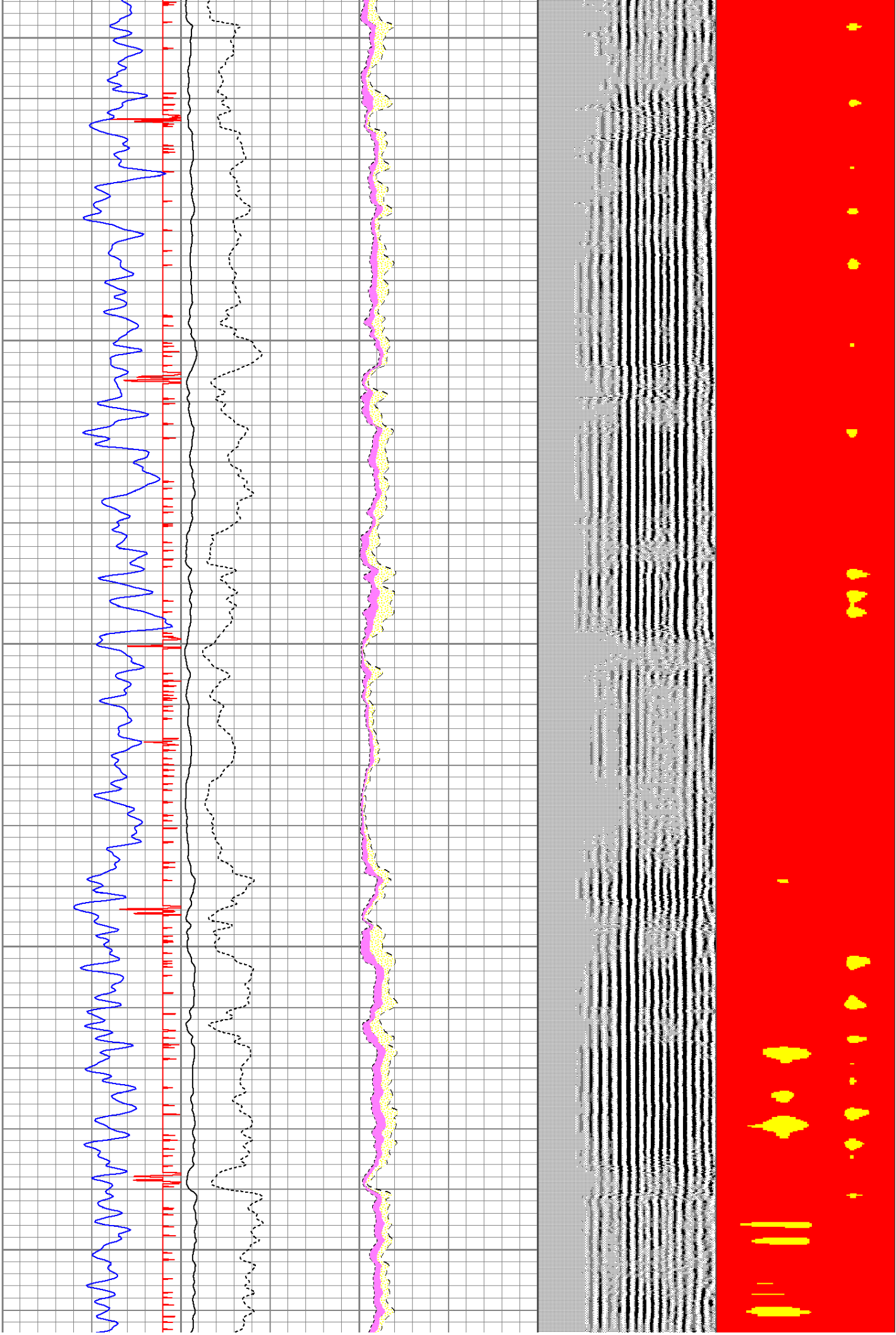
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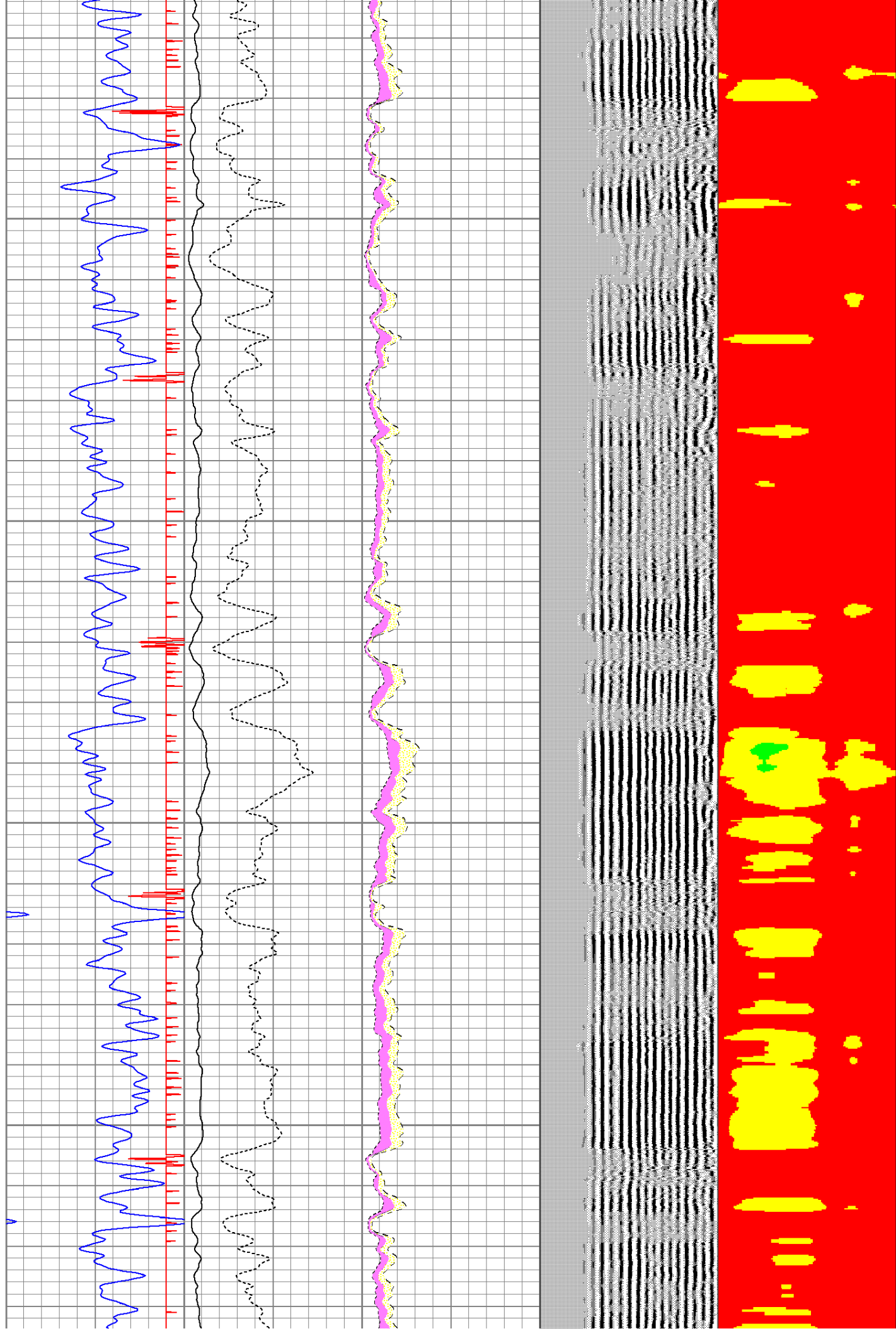
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4800



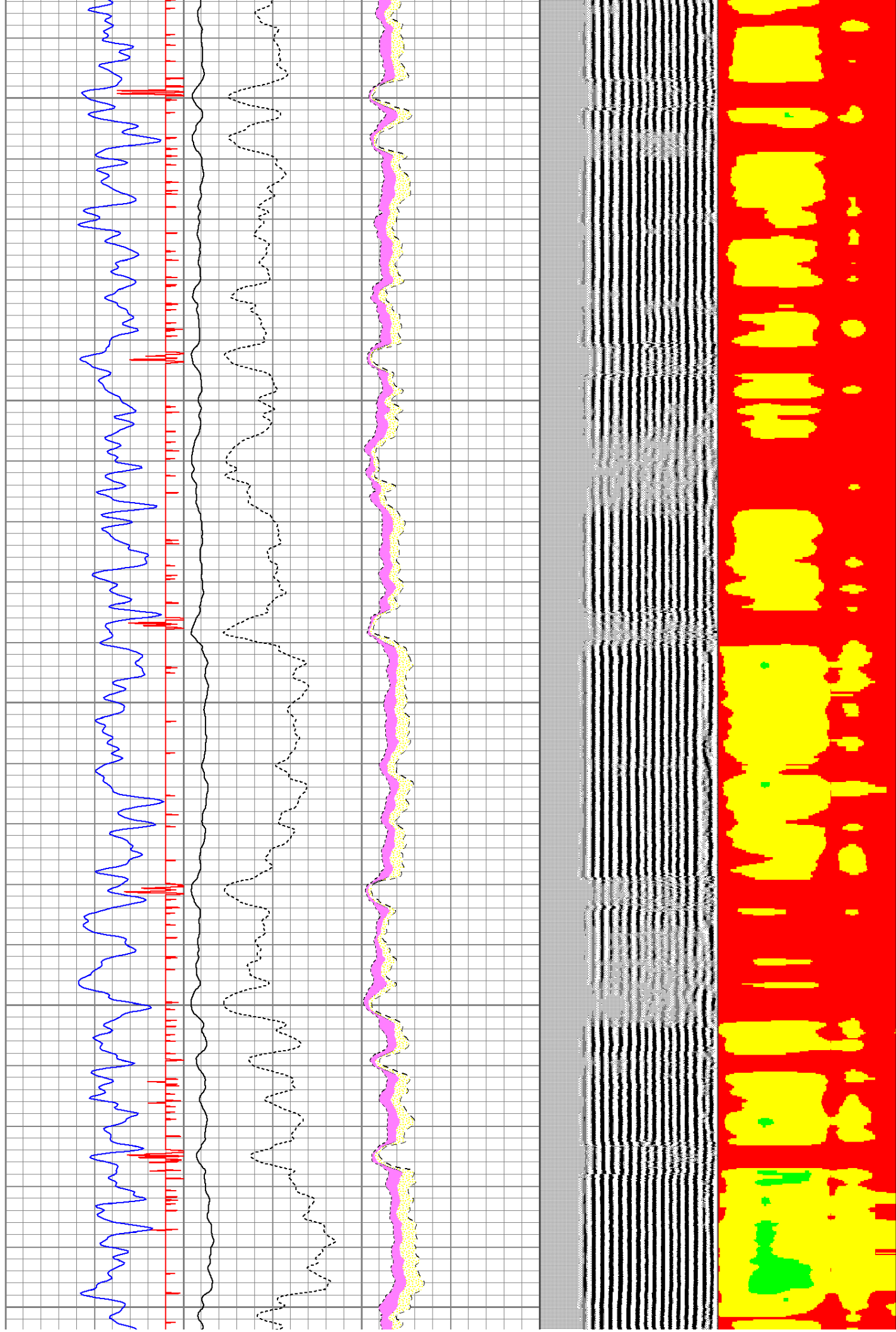
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5000



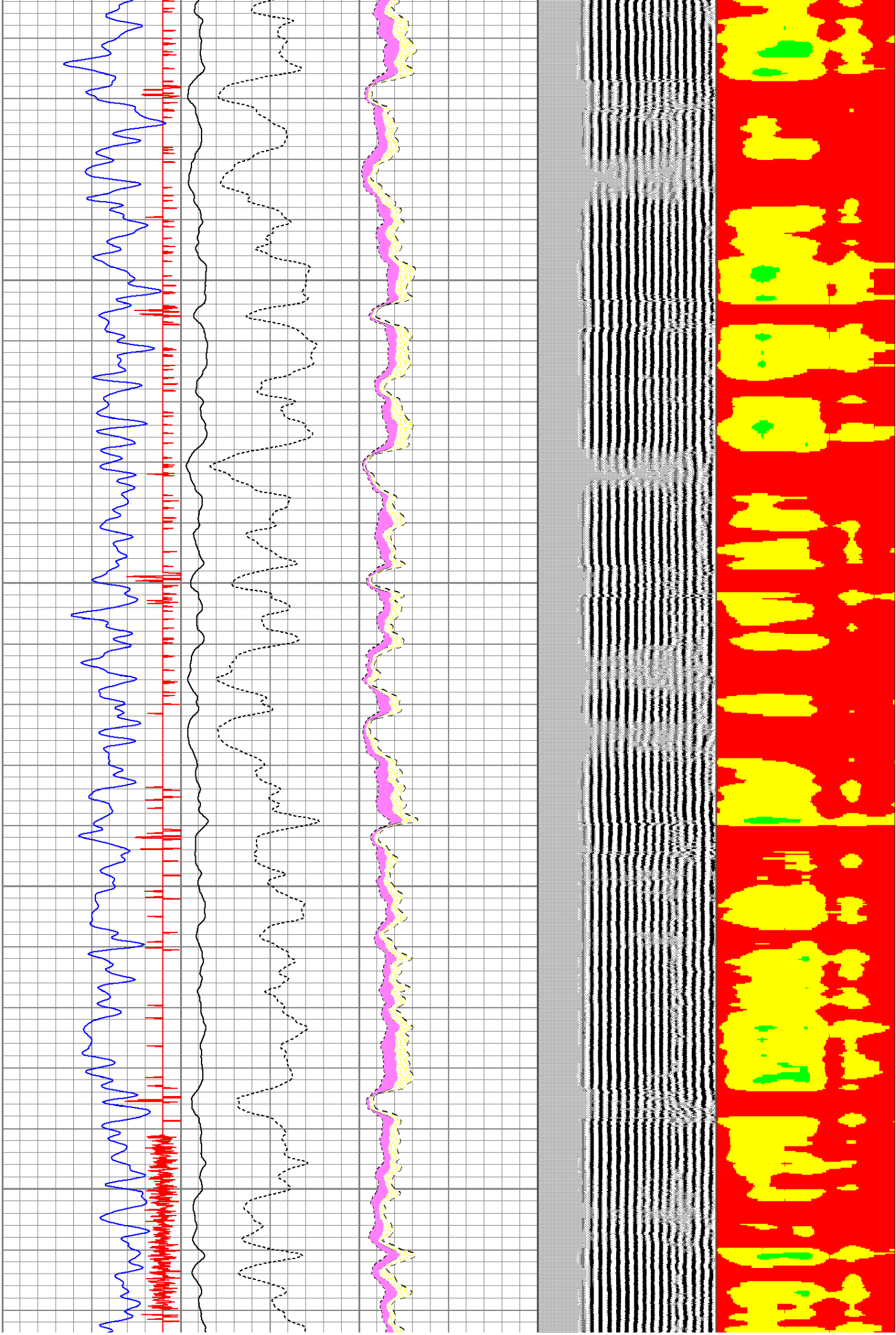
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5200



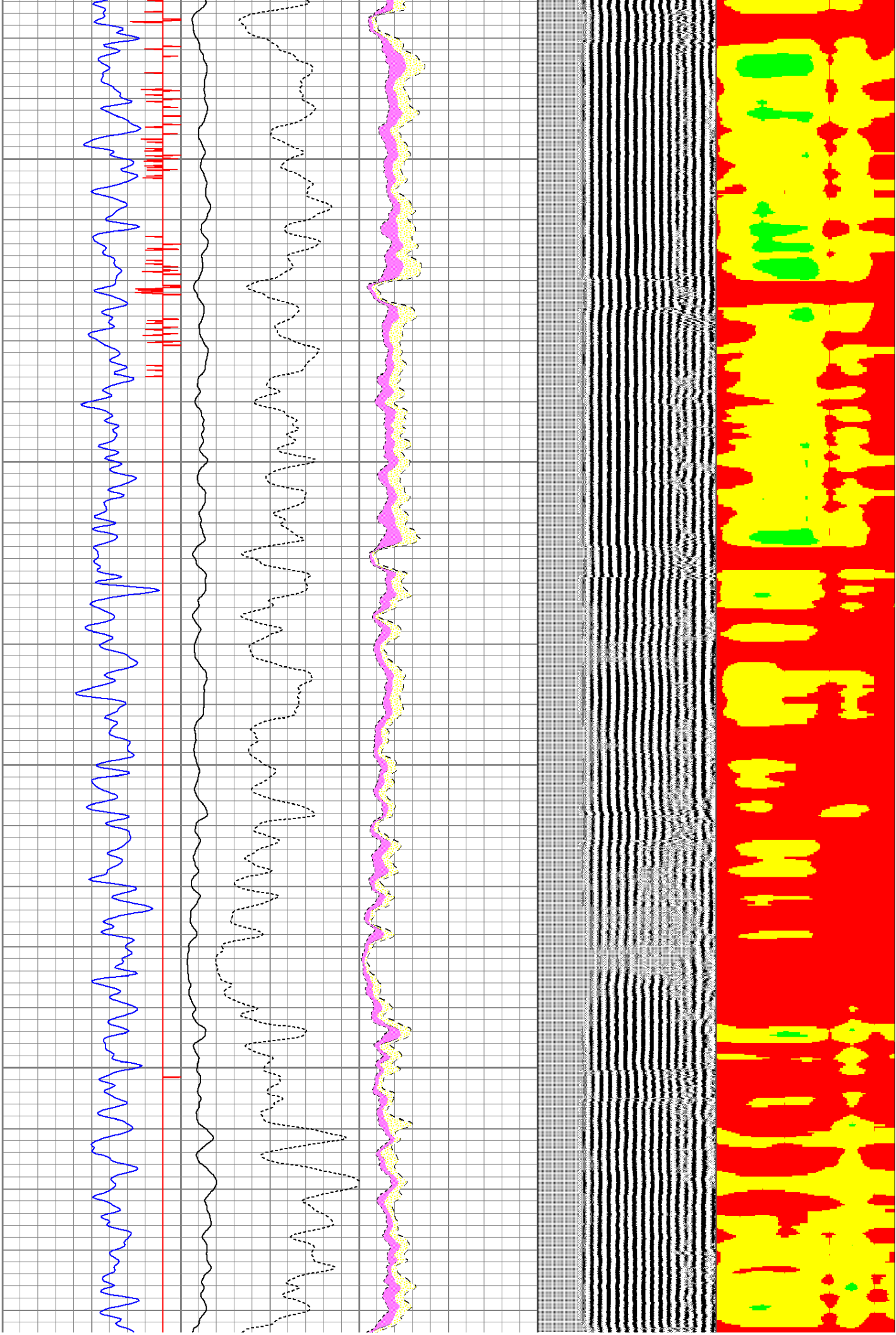
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5500

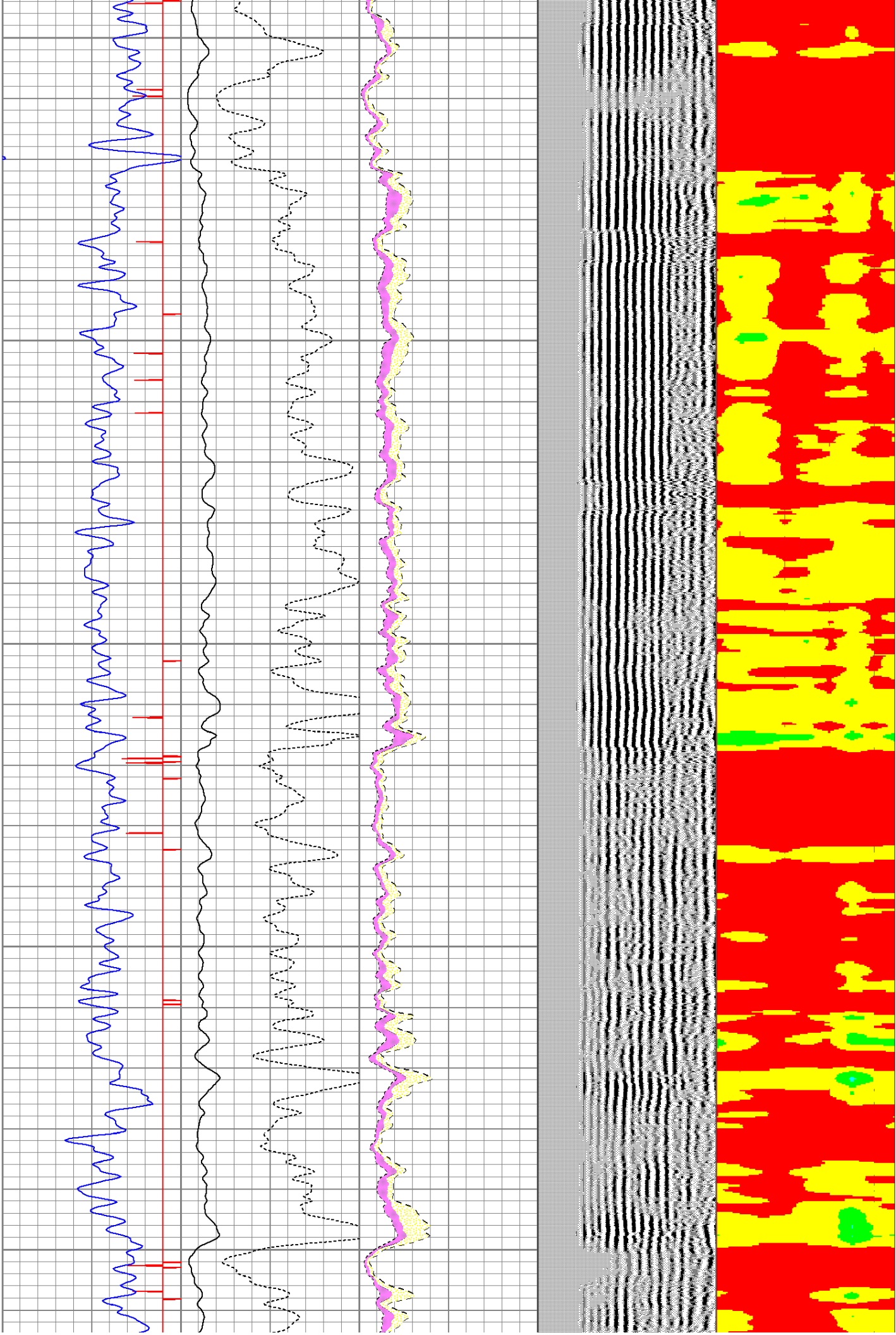
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5700

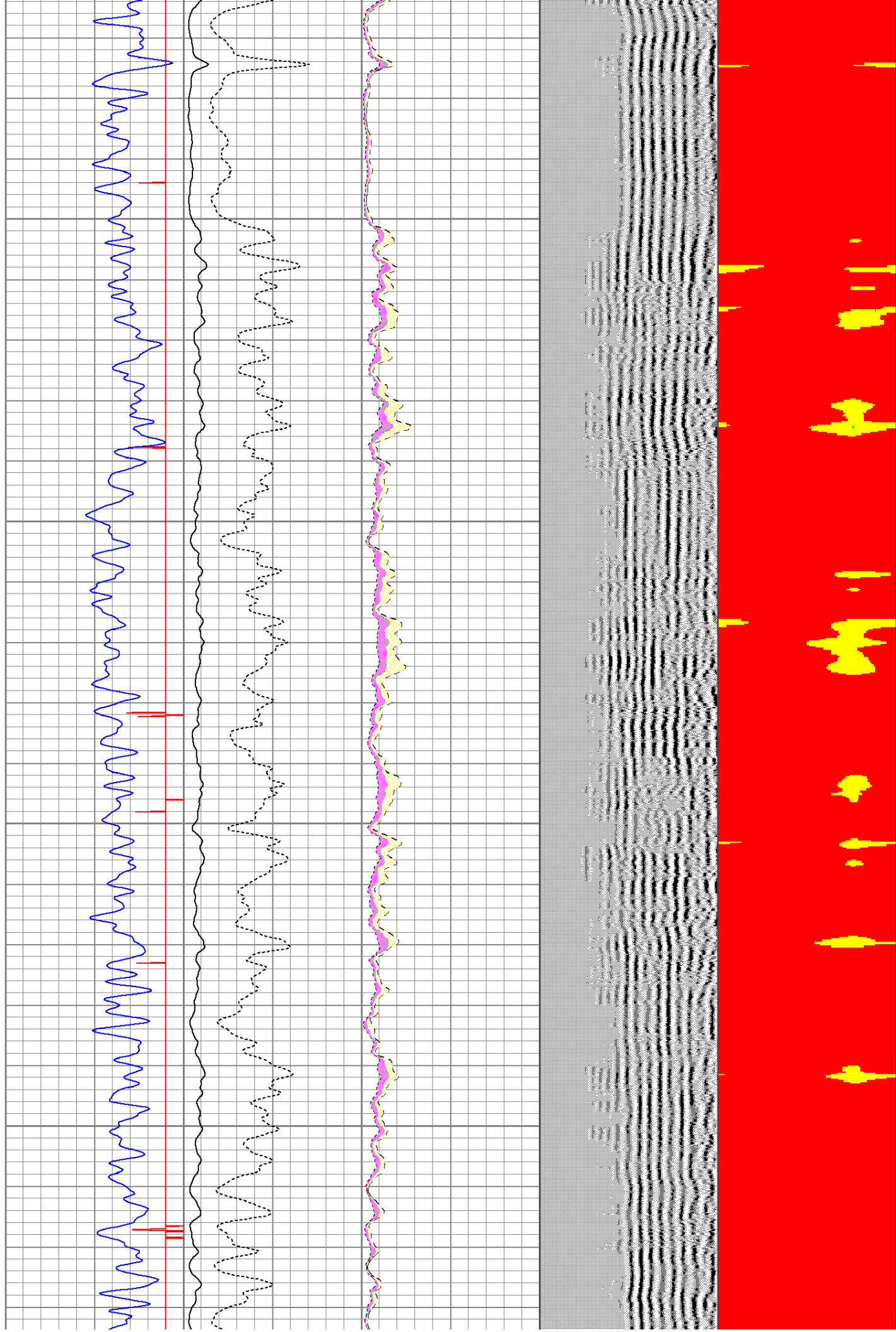
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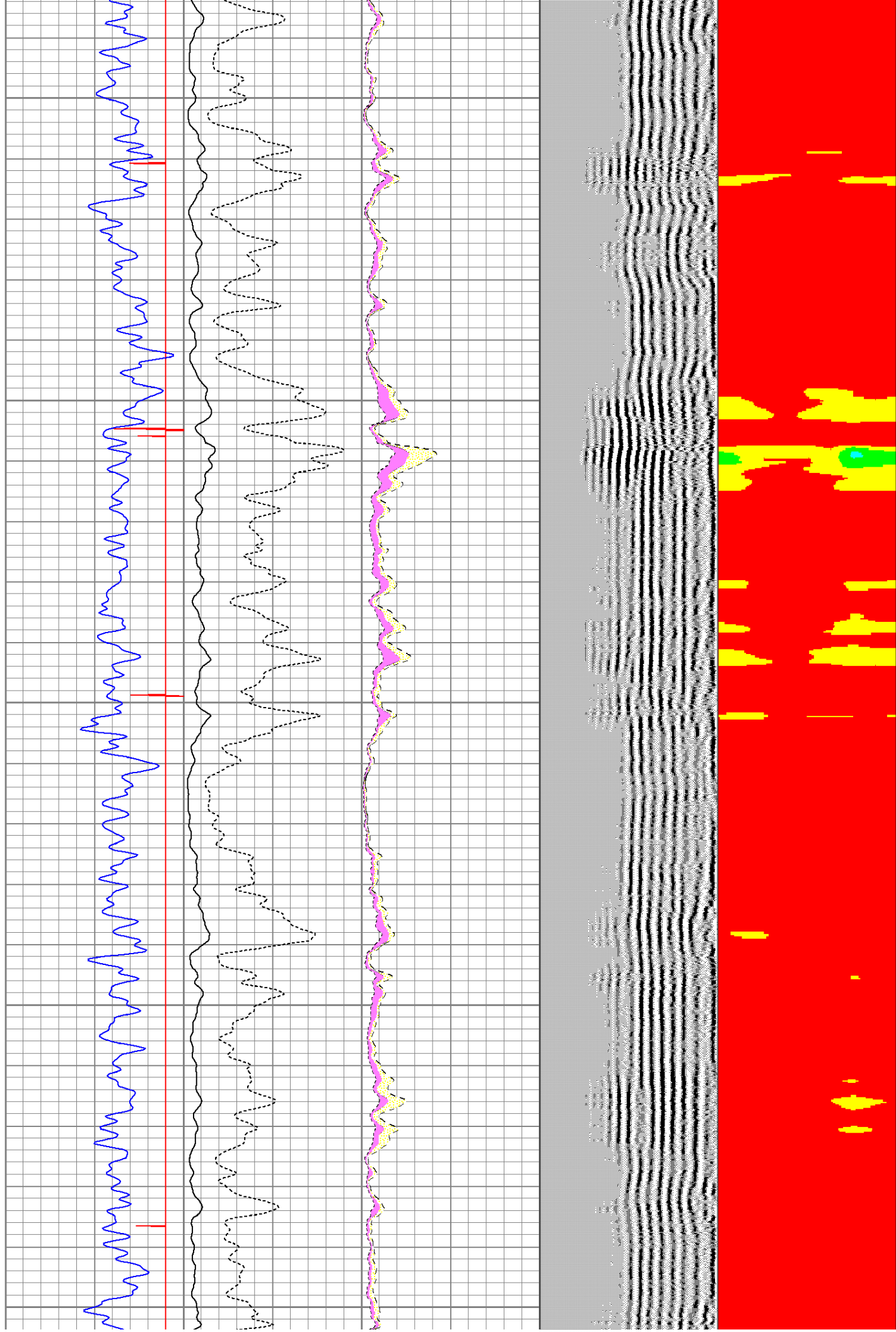
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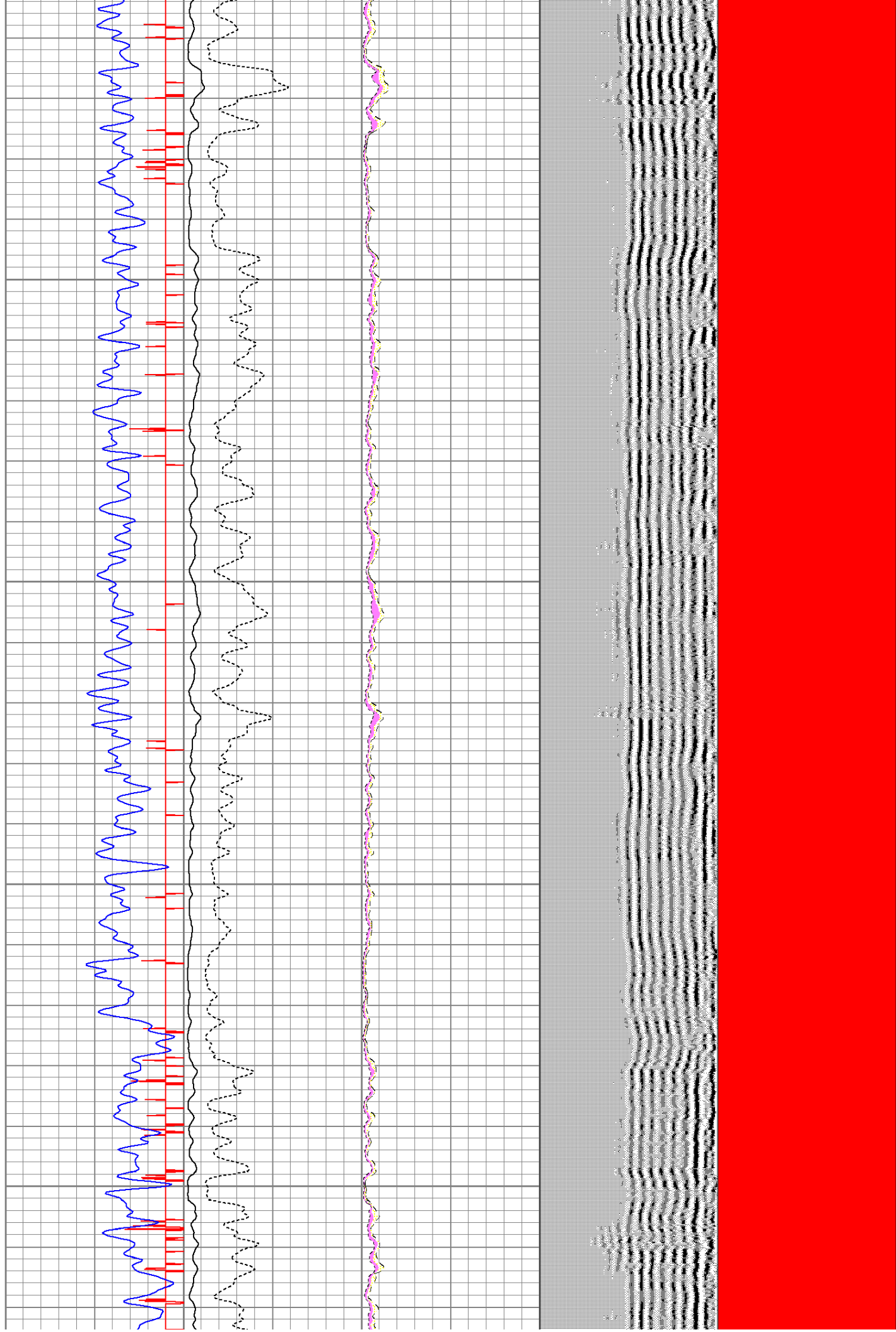
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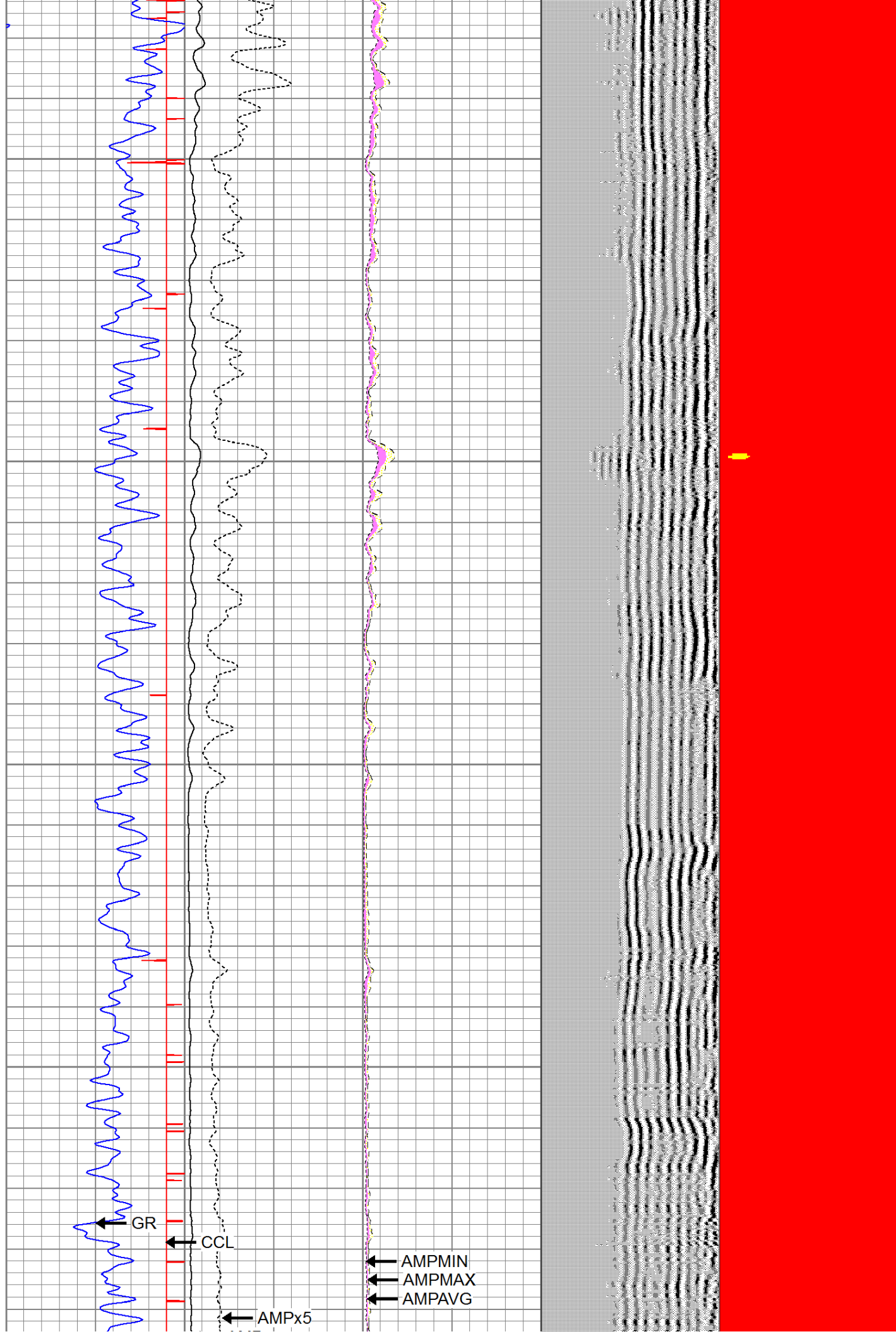
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6500



6600

6700



6800

6900

